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ABSTRACT

Containing 4,500 items available for sale and/or rent, this catalog lists 16mm films, motion cartridges, audiodiscs, audiotapes, slide sets, and film strips available through the National Audiovisual Center of the General Services Administration. The materials are listed in subject order, in alphabetical title order, and by producer code. In addition, information is provided on the use of the catalog and on the procedures for renting or purchasing items listed. (DGC)

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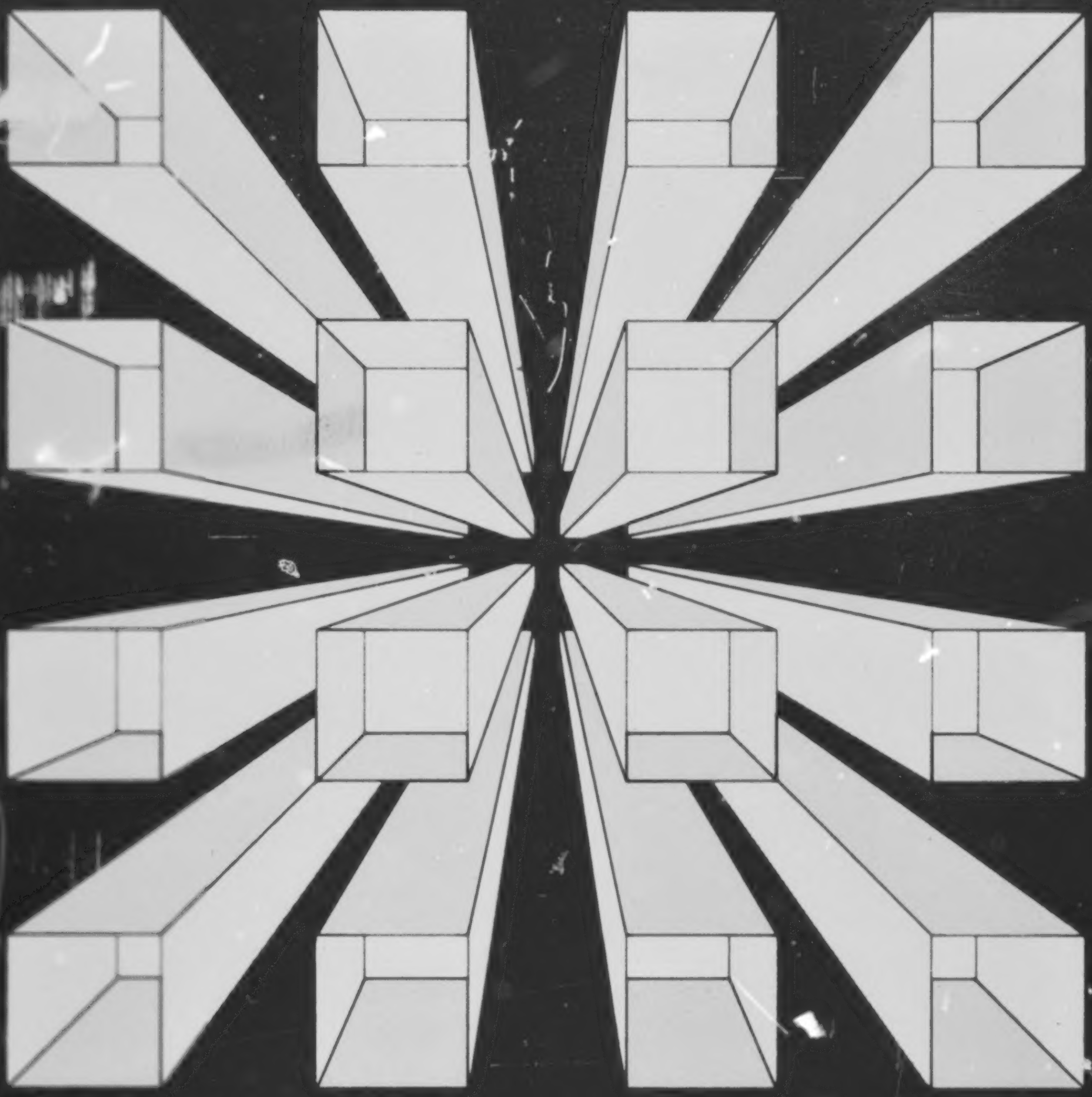

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A Catalog of
United States
Government Produced
Audiovisual Materials

1974

National Audiovisual Center
Washington, D.C. 20409

General Service Administration
National Archives and Records Service

IR001614

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President of the United States

Arthur F. Sampson
Administrator of General Services

National Archives Trust Fund Board
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Chairman, House Post Office and Civil Service Committee

ED101752

A Catalog of United States Government Produced Audiovisual Materials 1974

National Audiovisual Center
National Archives and Records Service
General Services Administration
Washington, DC 20409

Inquiries concerning this catalog should be directed to:
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Washington, DC 20409

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I. Introduction

The National Audiovisual Center was established in 1969 in the National Archives and Records Service, General Services Administration, to provide Government agencies and the general public with a central information, loan, sales, and rental service for audiovisual materials - instructional or promotional - produced by or for executive agencies.

The Center's reference service helps the public to know what Federal audiovisual materials are distributed through the Center, other Federal agencies, or nongovernment services.

The Center's distribution service loans, rents and sells audiovisual materials placed with them by Federal agencies. This Catalog contains 4,500 audiovisual materials available for sale and/or rental.

II. Catalog Format and Use

A. NEW CATALOG FORMAT

The catalog has been reorganized with all new categories and subject headings. The new format includes:

1. Guide to subject section
The handiest method of determining the actual subject heading the catalog uses that contains your specific area of interest.

HISTORY
Aviation, *History*
Marine, *History*
Space Programs, *History*

HITLER, ADOLF
History, *World War II*
Humanities, *Biography*

---

2. Subject section
This section contains all titles in alphabetical order listed under appropriate categories and subject headings.

HUMANITIES

BIOGRAPHY

*AFTER THE ACCIDENT	USSRS
*AIR FORCE NOW, THE, NO. 07	USAF
AIR POWER AND THE MAN	USAF
*BEYOND THIS WINTER'S WHEAT	USIA
CHARLEY RUSSELL'S FRIENDS	USIA
*COWBOY	USIA
*COWBOY LEGEND	USIA
*DR. DRAGSTEDT	USNMAC
*DR. HASTINGS	USNMAC
*DR. HUGGINS	USNMAC
*DR. MCDERMOTT	USNMAC
*DR. WANGENSTEEN	USNMAC
*DR. WOOD	USNMAC
DREAM THAT WOULDN'T DOWN, THE	USNASA
FACES OF AMERICA	USIA

* INDICATES NEW ENTRY

---

3. Title section
A main TITLE SECTION with title entries in alphabetical order provides all the information that pertains to a particular title.

***APOLLO 17 - ON THE SHOULDERS OF GIANTS**
29min, 16mm film, optical sd, col 1973
Producer USNASA *Agency No.* HQ 227
Title No. 001992 *Sale* $121.25
Presents a documentary of the Apollo 17 journey to Taurus-littrow, the final lunar landing mission. In addition to depicting the major events of the mission, key scientists and space program officials briefly describe the work going on in preparation for the Skylab, the US/USSR link up, and Space Shuttle programs of the future.

* INDICATES NEW ENTRY

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4. Media format codes
In the SUBJECT SECTION, all titles that are not 16mm films are immediately followed by one of the following codes:

MC = motion cartridge
RD = audiodisc
RT = audiotape
SL = slide set
FS = filmstrip

In the TITLE SECTION, the specific format is identified as part of the material's physical description.

5. Title and agency numbers
Every entry in the catalog has been assigned a distinct title number. Many entries in the catalog have been assigned an agency number. These are the two most important numbers that are used to identify materials.

Use the TITLE NUMBER always.

Use the AGENCY NUMBER whenever listed.

6. Series
Materials in a series are listed in the TITLE SECTION under the series title. The components of a series are also listed individually if they can be purchased or rented separately; this entry will indicate "From the . . . series."

7. **New entries**
New entries not listed in previous catalogs are preceded by an asterisk (*) in both the SUBJECT and TITLE SECTIONS.

8. **Supplement**
Supplements will be published periodically and will contain all new materials accumulated since the publication of the most recent basic catalog.

B. HOW TO USE THE CATALOG

There are at least 3 ways to use this catalog:

1. **By title:** If you have a specific title in mind, look directly in the TITLE SECTION.

2. **By subject:** The following example will illustrate the normal method of searching by subject:

Area of interest: Auto Repair. You would look in the GUIDE TO THE SUBJECT SECTION under Auto Repair and find:

AUTO REPAIR
Industrial Arts, *Automotive Maintenance*

You would then look up the heading in the SUBJECT SECTION and find

---

INDUSTRIAL ARTS

AUTOMOTIVE MAINTENANCE

*AIR BRAKES PRINCIPLES OF OPERATION	USA
AUTOMOBILE ELECTRICITY FOR MILITARY VEHICLES, PT 2, PRINCIPLES OF OPERATION OF THE GENE	USA
AUTOMOTIVE ELECTRICITY FOR MILITARY VEHICLES, PT 3, PRINCIPLES OF THE STARTING MOTOR	USA
AUTOMOTIVE ELECTRICITY FOR MILITARY VEHICLES, PT 4, THE IGNITION CIRCUIT	USA

INDUSTRIAL ARTS

AUTOMOTIVE MAINTENANCE – *(Continued)*

AUTOMOTIVE TROUBLE SHOOTING, PT 2, ENGINE TUNE-UP	USA
BATTERY, IGNITION AND ELECTRICAL SYSTEM, THE	USOE
BUS CARE AND MAINTENANCE	USOE
CARBURETOR, PRINCIPLES OF OPERATION	USA
CLUTCH AND HAND BRAKE, THE	USOE
COOLING SYSTEM AND FUEL SYSTEM, THE	USOE
ENGINE ASSEMBLY	USOE
ENGINE ASSEMBLY (SPANISH)	USOE
ENGINE TESTS AND TUNE UP	USOE
FLUID COUPLING, THE PRINCIPLES OF OPERATION	USA
HYDRAULIC BRAKE SYSTEM, THE	USOE
HYDRAULIC CONTROLS IN THE HYDRAMATIC TRANSMISSION	USA
HYDRAULIC STEERING, PRINCIPLES OF OPERATION	USA
INSPECTING AND ADJUSTING HYDRAULIC BRAKES	USOE

* INDICATES NEW ENTRY

---

the alphabetically listed SUBJECT SECTION will contain all those titles appropriate to your area of interest.

When you select a title or titles you then look up the descriptions in the alphabetically listed TITLE SECTION.

***AIR BRAKES - PRINCIPLES OF OPERATION**
25min, 16mm film, optical sd, b&w 1968
Producer USA *Agency No.* TF-9-3845
Title No. 003092 *Sale* $52.50
Illustrates design and functions of components of air brakes system used in large military vehicles-operation of system when brake pedal is depressed and released.

* INDICATES NEW ENTRY

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3. **By browsing:** Consult the OUTLINE OF SUBJECT HEADINGS and choose headings of interest. Look these up in the SUBJECT SECTION where applicable titles will be listed under the subject headings. Detailed information on selected titles of interest may be found in the TITLE SECTION.

III. How to Rent or Purchase Material

A. ALL ORDERS

All requests must contain the following information in order to be processed:

1. Title number
2. Title
3. Agency number, if listed
4. Date, with 1 or more alternate dates, if a rental request; number of prints, if a sale request
5. Complete shipping address
6. Complete billing address, if different from shipping
7. Complete telephone number
8. Remittance for all necessary prepaid charges

AS IN ANY ORDERING PROCESS, THE MORE ACCURATE AND DETAILED YOUR ORDER IS THE LESS LIKELIHOOD OF PROBLEMS.

Make all checks payable to "National Archives Trust Fund (NAC)."

If you want sales information only, address:
Sales Branch
National Audiovisual Center (GSA)
Washington, DC 20409
Telephone 301/763-5500

If you want rental information only, address:
Rental Branch
National Audiovisual Center (GSA)
Washington, DC 20409
Telephone 301/763-7786

If you want general information, address:
Reference Branch
National Audiovisual Center (GSA)
Washington, DC 20409
Telephone 301/763-7420

B. SOME SPECIFICS ABOUT PURCHASES

1. Accompanying material
The National Audiovisual Center can generally provide only one copy of accompanying materials, such as study guides or teacher guides. Requests for additional copies (if available) will be directed to the supplying source.

2. Replacement footage
When ordering film to replace damaged portions of previously purchased motion pictures, specify the exact number of running feet needed. Measure either from the first frame of the main title or from the last frame of the end title, indicating method used. Most replacement footage will be charged at the following prices:

	Price (per ft.)	Minimum charge (per section)
Black and white, 16mm	$.10	$10.00
Color, 16mm	.15	15.00

Prices for other replacement materials are available upon request.

3. Cancellation
Materials shipped on the basis of an official purchase order as a sale item, may not be returned to the Center without prior approval from the Center.

4. Confirmation sales
If a sale print is in stock, you will be notified by mail of the date the material will be shipped.

If a sale print is not in stock and must be made for you, which is true of most 16mm films, you will receive a confirmation that contains your order identification number and approximate shipping date. Use the Center's order number in all correspondence about your order.

5. **Prepaid charges**
   All sales purchases under $10.
   All charges for special handling.

6. **Prices**
   Subject to change without notice.

C. SOME SPECIFICS ABOUT RENTALS

1. **Rent-to-purchase plan**
   Most rental films can be purchased on a "rental-applied-to-purchase" basis. The most recent rental charge paid by the user may be applied to the purchase price within 90 days of the rental invoice date. The procedure is as follows:
   a. Subtract the rental charge from the sale price and show the subtraction and balance on the purchase order.
   b. Attach a copy of the rental invoice to the purchase order.
   c. Return the rental print and you will receive a new print.
   d. Pay the rental invoice as a separate transaction.
   e. Mail the purchase order to the Sales Branch, National Audiovisual Center (GSA), Washington, DC 20409.

   The Center will provide specific information, on request, for any film that does not have a posted rental charge.

2. **Accompanying materials**
   The National Audiovisual Center can generally provide only 1 copy of accompanying materials, such as study guides or teacher guides. If additional copies have been made available to the Center, they will be passed on to the customer. Requests for additional copies (if available) will be directed to the supplying source.

3. **Fees and charges**
   Rental rates
   a.

Period	Rate
3 days	Indicated rate
1 week	1½ times indicated rate
2 weeks	2 times indicated rate
4 weeks	3 times indicated rate

   b. Rentals for periods between the indicated periods will be billed at the next higher rate.
   c. Prepayment will expedite all orders.
   d. User pays return postage.
   e. Users will be billed overdue rates for films kept after the return date indicated on the booking notice.
   f. Make all checks payable to "National Archives Trust Fund (NAC)."
   g. Any special charges for handling or shipping will be paid by the user.

4. **Cancellation**
   If it is necessary to cancel a scheduled rental, the Center must receive telephone or written notice 1 week before the shipping date noted on the booking notice. Otherwise the customer will be responsible for the rental fee and special shipping charges, if any.

5. **Damaged or lost films**
   Users must pay all charges incurred for films lost or damaged while in their possession.

6. **Confirmation-rental**
   If the film is available for rental on the date requested, a numbered confirming booking notice will be sent. Cite the number of this notice in any further inquiries concerning the booking.

7. **Shipment and return of materials**
   The Center ships via parcel post within the United States. Any change in this method must be requested and paid for by the user.

   Requests from outside the continental United States will be filled whenever possible. Extra charges are assessed the user for shipment.

8. All films must be rewound on the original reel and shipped back in the original container.

9. **Prices**
   Subject to change without notice.

D. ORDERS FROM FOREIGN COUNTRIES

1. Payment in advance in U.S. currency is required for all orders from foreign countries. Letters of credit are not accepted. Payment must be made by check drawn on an American bank or by international money order. A proforma invoice can be provided.

2. Foreign users pay all shipping charges. Indicate specific method of shipment desired when requesting a proforma invoice.

E. MEDIA CONVERSION SERVICE

For customers interested in purchasing our materials in formats other than 16mm, the Center will provide price quotations for converting 16mm to any desired format.

F. PREVIEWS

When available the Center will provide prospective purchasers with a preview print. If the Center is not authorized to maintain preview prints of a certain title, it will make every effort to refer the user to a loan source.

G. AVAILABLE MATERIAL NOT LISTED IN THE CATALOG

The Center is constantly adding to its inventory of materials. Many of its titles listed as 16mm are also available in other formats as well as new titles in formats, such as, videocassettes, super 8mm, and slides.

The Center invites your inquiry for specific titles not listed in the catalog.

H. RESTRICTIONS ON SALE OR RENTAL MATERIALS

1. **Limited use:** Titles marked with restrictions such as "professionally interested groups only" have been so designated by the producing agency and prints will be rented or sold only as indicated.

2. **TV clearance:** Where known, the type of TV clearance is indicated.

3. **Commercial use:** The Government may not have full rights to the films it distributes. Rental or sale does not constitute authorization for reproduction, showing for profit, or use of the film in any manner other than in its original form, or as may otherwise be stated in the Center's catalog.

4. **Alterations:** Users are prohibited from editing or otherwise mutilating any rental prints.

5. **Department of Defense (DOD) film availability:** Many DOD titles are available on free loan to users from DOD components. If a particular title is required for a specific date and is not available from a DOD component for that date, the Center is authorized to rent any DOD motion picture cleared for public exhibition. However, the Center's rental holdings contain only a limited number of DOD titles and prints.

   Some DOD films are marked as follows:

   a. Historical – Titles that contain policy information no longer current in DOD are marked as follows: "This film is considered of historical value and does not necessarily reflect current policy or plans of the sponsoring agency."
   b. Obsolete – Titles that show procedures no longer current in DOD are marked as follows: "This film has been declared obsolete for use within the sponsoring agency."

6. **USIA FILMS:** All films produced by the U.S. Information Agency have been withdrawn from rental and sale by the sponsor under Public Law 92-352.

7. **Withdrawn, out-of-print:** Titles showing "W. DRAWN" (withdrawn) in place of a sale or rental price indicate that this title has been removed from the Center's respective program by the sponsoring agency.

   Titles showing "O/PRINT" (out-of-print) in the sale price area are not readily available but are still in the Center's program. Write for availability and price information.

IV. Outline of Subject Headings

AGRICULTURE
- Crops
- Farm Maintenance
- Farm Work
- Horticulture
- International Relations
- Livestock
- Meat
- Plant Science
- Soil Conservation

ATOMIC ENERGY
- Application
- Biology and Medicine
- Engineering
- Fabrication
- Radioisotope
- Reactor
- Research
- Safety, Waste Disposal and Monitoring
- Weapon

AVIATION
- Aircraft
- Air Defense
- Air Traffic Control
- Air Warfare
- Facilities
- Flight Training
- Flying Exhibitions and Competitions
- Helicopters
- History
- Inspection and Maintenance
- Navigation
- Repair
- Research and Development
- Search and Rescue

BIOLOGY
- Anatomy
- Biochemistry
- Cytology
- Ecology
- Embryology
- Entomology
- Heredity
- Laboratory
- Marine
- Microbiology
- Natural Resources
- Primatology
- Zoology

BUSINESS AND ECONOMICS
- Computer Science and Data Processing
- Contracts
- Economy and Conservation
- Education
- Industry
- Labor and Management
- Manufacturing
- Materials Handling
- Office Procedure
- Quality Control
- Salesmanship and Marketing
- Small Business
- Supervision
- Technique and System
- Transportation

CHEMISTRY
- Analysis
- Biochemistry
- Chromatography
- Crystallography
- Inorganic Chemistry
- Laboratory
- Metallurgy
- Organic Chemistry
- Oxidation
- Radiation
- Reaction
- Technique and Equipment

CIVICS AND GOVERNMENT
- Citizenship
- Civil Defense and Disaster
- Civil Rights
- Communism
- Democracy
- Defense System
- Foreign Policy
- Government Agencies
- International Relations
- Law Enforcement
- Military Justice
- Security Control
- United Nations

DENTISTRY
- Anatomy and Physiology
- Careers
- Diagnosis
- Endodontics
- Occlusion
- Oral Hygiene
- Oral Surgery
- Orthodontics
- Patient Education
- Periodontics
- Prosthodontics
- Radiology

EDUCATION
- Adult Education
- Art
- Careers
- Counseling
- Curriculum
- Early Childhood
- Educational Institutions
- Instructional Techniques
- Learning and Cognition
- Library Science
- Mass Media
- Mathematics
- Psychology
- Special Education
- Teacher and Teaching
- Technology

ELECTRICITY
- Circuit
- Equipment
- Magnetism
- Motor
- Theory

ELECTRONICS
- Amplifier
- Communication
- Equipment
- Magnetism
- Principle
- System
- Theory
- Transistor

ENGINEERING
- Aerospace Industry
- Aerospace Technology
- Civil Engineering
- Electromechanism
- Highway

GEOGRAPHY
- Arctic and Antarctic
- Foreign Countries
- United States

HEALTH
- Alcohol
- Birth Control
- Conference
- Drug Abuse and Narcotics
- Emergency Care
- Environmental Health
- Facilities

First Aid
Medical and Paramedical Profession
Nursing and Patient Care
Nutrition
Public Health
Radiology
Research
Safety
Sanitation
Sexuality and Sex Education

HISTORY

Civil War Period to 1900
Colonial Period to 1776
Korean War
Military History
Revolutionary War Period to 1783
Twentieth Century
Vietnam War
World War I
World War II
1783 – 1860

HUMANITIES

Biography
Drama
English
Fine Arts
Languages
Philosophy and Religion

INDUSTRIAL ARTS

Automotive Maintenance
Blacksmithing
Boring Machine
Broaching Machine
Construction
Drill Press
Electrical Works and Electronics
Engineering
Engines and Power Systems
Foundry
Graphic Arts
Grinding Machine
Handtools
Hobbing Machine
Hydrography
Lathe
Maps
Mechanical and Engineering Drawing
Metallurgy
Milling Machine
Optics
Patternmaking
Photography
Plastics
Plumbing
Refrigeration
Soldering
Technical Measurement
Water Treatment
Welding
Woodworking

MARINE

Engineering
History
Maintenance
Navigation
Research
Rules of the Road
Seamanship
Search and Rescue
Shipbuilding
Submarine

MEDICINE

Anatomy
Anesthesiology
Bacteriology
Biology and Zoology
Cancer
Cardiovascular System
Careers
Chemistry
Cytology and Tissue System
Dermatology
Diagnosis
Digestive System
Hemic and Lymphatic System
Laboratory
Microbiology
Military Medicine
Mycology
Neurology
Parasitology
Pathology
Pharmacology and Toxicology
Pregnancy
Psychiatry and Psychology
Research
Respiratory System
Stroke
Therapeutics
Veterinary Medicine
Virology

PHYSICAL SCIENCE

Air
Astronomy
Geology
Oceanography
Space and Solar System
Weather

PHYSICS

Acoustics
Aerodynamics
Atomic and Nuclear Energy
Biophysics
Energetics
Kinetics
Magnetism
Neutron
Principle
Radiation
Radioisotope
Research
Spectrum

RECREATION

Camping
Clubs
Leisure Time
Music
Physical Activities
Playground Activities
Singing
Travel

REHABILITATION

Amputees
Blind
Crippled Children
Deaf Blind
Epilepsy
Equipment
Hearing and Speech
Learning Disabilities
Mental Retardation
Occupational Therapy
Physical Therapy

SAFETY

Accident Prevention
Air
Automobile
Fire
Industry
Mountaineering
Water

SOCIOLOGY

Aging
Anthropology
Community Life
Crime
Human Relations
Marriage and the Family
Military Dependents
Minority Group
Penology
Population
Social Problems
Social Work
Urbanization

SPACE PROGRAMS

Application
Chemistry
Communication
Facilities
History
Launch Vehicle
Lunar Probe
Medicine and Biology
Navigation
Propulsion
Safety
Satellite
Space Exploration
Training

SURGERY

Anatomy
Equipment
Orthopedics
Postoperative Care
Preoperative Care
Transplant
Wounds and Injuries

V. Guide to the Subject Section

- **ABSORPTION**
  - Medicine, *Digestive System*
  - Medicine, *Hemic and Lymphatic System*
- **ACCELERATOR**
  - Chemistry, *Reaction*
  - Industrial Arts, *Automotive Maintenance*
  - Industrial Arts, *Photography*
  - Physics, *Atomic and Nuclear Energy*
- **ACCELEROMETER**
  - Aviation, *Aircraft*
  - Aviation, *Inspection and Maintenance*
- **ACCIDENT PREVENTION**
  - Safety, *Accident prevention*
- **ACCOMMODATION**
  - Business and Economics, *Transportation*
- **ACCOUNTING**
  - Business and Economics, *Education*
  - Business and Economics, *Office Procedure*
- **ACIDITY**
  - Chemistry, *Reaction*
- **ACOUSTICS**
  - Physics, *Acoustics*
- **ACROBATICS**
  - Recreation, *Physical Activities*
- **ADAPTATION**
  - Biology, *Zoology*
  - Sociology, *Anthropology*
- **ADDICTION**
  - Health, *Drug Abuse and Narcotics*
- **ADMINISTRATION**
  - Business and Economics, *Labor and Management*
- **ADOLESCENT DEVELOPMENT**
  - Education, *Psychology*
- **ADVERTISING**
  - Business and Economics, *Salesmanship and Marketing*
- **AERODYNAMICS**
  - Physics, *Aerodynamics*
- **AEROMECHANICS**
  - Physics, *Aerodynamics*
- **AEROMEDICINE**
  - Space Programs, *Biology and Medicine*
- **AERONAUTICS**
  - Aviation, *Aircraft*
- **AFRICA**
  - Geography, *Foreign Countries*
- **AFRICAN SLEEPING SICKNESS**
  - Medicine, *Veterinary Medicine*
- **AGING**
  - Sociology, *Aging*
- **AGRICULTURE**
  - Agriculture
- **AGRONOMY**
  - Agriculture, *Crops*
  - Agriculture, *Plant Science*
- **AIR**
  - Physical Science, *Air*
  - Safety, *Air*
- **AIR CONDITIONING**
  - Industrial Arts, *Refrigeration*
- **AIR DEFENSE**
  - Aviation, *Air Defense*
- **AIR FORCE**
  - Aviation,
  - Civics and Government, *Defense System*
- **AIR POLLUTION**
  - Biology, *Ecology*
  - Health, *Environmental Health*
- **AIR TRAFFIC CONTROL**
  - Aviation, *Air Traffic Control*
- **AIR WARFARE**
  - Aviation, *Air Warfare*
- **AIRCRAFT**
  - Aviation, *Aircraft*
- **AIRCRAFT ACCIDENTS**
  - Aviation, *Search and Rescue*
  - Safety, *Air*
- **AIRFIELDS**
  - Aviation, *Facilities*
- **AIRPLANE**
  - Aviation, *Aircraft*
- **AIRPORTS**
  - Aviation, *Facilities*
- **ALASKA**
  - Geography, *United States*
- **ALCOHOL**
  - Health, *Alcohol*
- **ALGEBRA**
  - Education, *Mathematics*
- **ALLEGHANY MOUNTAINS**
  - Geography, *United States*
- **ALLOY**
  - Chemistry, *Metallurgy*
- **ALUMINUM**
  - Business and Economics, *Industry*
  - Chemistry, *Metallurgy*
  - Industrial Arts, *Construction*
- **AMERICA**
  - Geography, *United States*
- **AMERICAN HISTORY**
  - History
- **AMMETER**
  - Electronics, *Equipment*
- **AMMUNITION**
  - Civics and Government, *Defense System*
- **AMPHIBIANS**
  - Biology, *Zoology*
- **AMPUTEES**
  - Rehabilitation, *Amputees*
- **AMUSEMENT**
  - Recreation, *Leisure Time*
- **ANATOMY**
  - Biology, *Anatomy*
  - Dentistry, *Anatomy and Physiology*
  - Medicine, *Anatomy*
  - Surgery, *Anatomy*
- **ANESTHESIOLOGY**
  - Medicine, *Anesthesiology*
- **ANIMAL HUSBANDRY**
  - Agriculture, *Livestock*

- **ANIMAL REPRODUCTION**
  - Biology, *Zoology*
- **ANIMALS**
  - Biology, *Zoology*
- **ANTARCTIC**
  - Geography, *Arctic and Antarctic*
- **ANTHROPOLOGY**
  - Sociology, *Anthropology*
- **ANTI POVERTY PROGRAM**
  - Sociology, *Social Problems*
  - Sociology, *Social Work*
- **ANTS**
  - Biology, *Entomology*
- **ANTENNA**
  - Electronics, *Equipment*
- **ANTITOXIN**
  - Medicine, *Pharmacology and Toxicology*
- **APHID**
  - Biology, *Entomology*
- **APPALACHIAN MOUNTAINS**
  - Geography, *United States*
- **APPLIANCE**
  - Electricity, *Equipment*
- **ARCHITECTURE**
  - Engineering, *Civil Engineering*
  - Humanities, *Fine Arts*
- **ARCHIVES**
  - Education, *Educational Institutions*
  - Education, *Library Science*
- **ARCTIC**
  - Geography, *Arctic and Antarctic*
- **ARITHMETIC**
  - Education, *Mathematics*
- **ARMAMENT**
  - Civics and Government, *Defense System*
- **ARMED SERVICES**
  - Civics and Government, *Defense System*
- **ARMY**
  - Civics and Government, *Defense System*
- **ART**
  - Education, *Art*
  - Humanities, *Fine Arts*
- **ARTILLERY**
  - Civics and Government, *Defense System*
- **ASIA**
  - Geography, *Foreign Countries*
- **ASTRONAUTICS**
  - Space Programs
- **ASTRONOMY**
  - Physical Science, *Astronomy*
- **ATHLETICS**
  - Recreation, *Physical Activities*
- **ATLANTIC OCEAN**
  - Geography, *United States*
- **ATOM**
  - Physics, *Atomic and Nuclear Energy*
- **ATOMIC ENERGY**
  - Atomic Energy
  - Physics, *Atomic and Nuclear Energy*
- **ATTITUDE**
  - Sociology, *Human Relations*
- **AUDIOLOGY**
  - Rehabilitation, *Hearing and Speech*
- **AUDIOVISUAL**
  - Business and Economics *Materials Handling*
  - Education, *Instructional Techniques*
  - Education, *Library Science*
- **AUSTRALIA**
  - Geography, *Foreign Countries*
- **AUTO REPAIR**
  - Industrial Arts, *Automotive Maintenance*
- **AUTO SHOP**
  - Industrial Arts, *Automotive Maintenance*
- **AUTOMATION**
  - Business and Economics, *Computer Science and Data Processing*
- **AUTOMOBILE**
  - Safety, *Automobile*
- **AUTOMOTIVE MAINTENANCE**
  - Industrial Arts, *Automotive Maintenance*
- **AUTOPSY**
  - Medicine, *Research*
- **AVALANCHE**
  - Physical Science, *Geology*
- **AVIATION**
  - Aviation
- **BACTERIA**
  - Medicine, *Bacteriology*
  - Medicine, *Microbiology*
- **BACTERIOLOGY**
  - Medicine, *Bacteriology*
- **BALLISTICS**
  - Atomic Energy, *Weapon*
  - Civics and Government, *Defense System*
- **BAND SAW**
  - Industrial Arts, *Woodworking*
- **BARBITURATE**
  - Health, *Drug Abuse and Narcotics*
- **BARGE**
  - Business and Economics, *Transportation*
- **BAROMETER**
  - Physical Science, *Weather*
- **BARRACKS**
  - Civics and Government, *Defense System*
- **BARRICADE**
  - Civics and Government, *Defense System*
- **BATHYMETRY**
  - Physical Science, *Oceanography*
- **BEEF**
  - Agriculture, *Meat*
- **BEES**
  - Biology, *Zoology*
- **BEHAVIOR**
  - Education, *Psychology*
  - Medicine, *Psychiatry and Psychology*
- **BELGIUM**
  - Geography, *Foreign Countries*
- **BENCH WORK**
  - Industrial Arts, *Woodworking*
- **BERLIN**
  - Geography, *Foreign Countries*
  - History, *World War II*
- **BIOCHEMISTRY**
  - Biology, *Biochemistry*
  - Chemistry, *Biochemistry*
- **BIOGRAPHY**
  - Humanities, *Biography*
- **BIOLOGY**
  - Atomic Energy, *Biology and Medicine*
  - Biology
  - Medicine, *Biology and Zoology*
  - Space Programs, *Medicine and Biology*
- **BIOPHYSICS**
  - Physics, *Biophysics*
- **BIRDS**
  - Biology, *Zoology*
- **BIRTH CONTROL**
  - Health, *Birth Control*
- **BLACKSMITHING**
  - Industrial Arts, *Blacksmithing*
- **BLIND**
  - Rehabilitation, *Blind*
- **BLOOD**
  - Medicine, *Hemic and Lymphatic System*
- **BLUEPRINT READING**
  - Industrial Arts, *Graphic Arts*
- **BLUE RIDGE MOUNTAINS**
  - Geography, *United States*
- **BOATS**
  - Business and Economics, *Transportation*
- **BODYGUARD**
  - Civics and Government, *Security Control*
- **BOLL WEEVIL**
  - Agriculture, *Plant Science*
- **BOMBS**
  - Atomic Energy, *Weapon*
- **BONES**
  - Biology, *Anatomy*
  - Medicine, *Anatomy*
- **BORING MACHINE**
  - Industrial Arts, *Boring Machine*
- **BOTANY**
  - Biology, *Natural Resources*
- **BOY SCOUTS**
  - Recreation, *Clubs*
- **BRAILLE**
  - Education, *Special Education*
  - Rehabilitation *Blind*
- **BREATHING**
  - Medicine, *Respiratory System*
- **BROACHING MACHINE**
  - Industrial Arts, *Broaching Machine*
- **BROTHERHOOD**
  - Sociology, *Human Relations*
- **BUDGETING**
  - Business and Economics, *Labor and Management*
- **BUILDING MATERIALS**
  - Industrial Arts, *Construction*
- **BUOYS**
  - Marine, *Rules of the Road*

BURGLARY
Sociology, *Crime*
BUSINESS
Business and Economics
BUSINESS MANAGEMENT
Business and Economics, *Labor and Management*
CABLE
Industrial Arts, *Electrical Works and Electronics*
CALCULUS
Education, *Mathematics*
CALORIES
Health, *Nutrition*
CAMERA
Industrial Arts, *Photography*
CAMPING
Recreation, *Camping*
CANADA
Geography, *Foreign Countries*
CANALS
Business and Economics, *Transportation*
Marine, *Navigation*
CANCER
Medicine, *Cancer*
CANE
Rehabilitation, *Equipment*
CANNING
Agriculture, *Farm Work*
Health, *Nutrition*
CAPE KENNEDY
Geography, *United States*
Space Programs, *Facilities*
CARBIDE CUTTING TOOLS
Industrial Arts, *Metallurgy*
CARBON DIOXIDE
Chemistry, *Inorganic Chemistry*
Chemistry, *Oxidation*
CARDIOLOGY
Medicine, *Cardiovascular System*
CARDIOVASCULAR SYSTEM
Medicine, *Cardiovascular System*
CAREER EDUCATION
Education, *Carrers*
CAREER OPPORTUNITIES
Dentistry, *Careers*
Education, *Careers*
Medicine, *Careers*
CAREERS
Dentistry, *Careers*
Medicine, *Careers*
CARGO
Business and Economics, *Transportation*
CARPENTRY
Industrial Arts, *Woodworking*
CARS
Industrial Arts, *Automotive Maintenance*
Safety, *Automobile*
CARTOGRAPHY
Industrial Arts, *Graphic Arts*
Industrial Arts, *Maps*
CATALOGING
Education, *Library Science*
CELLS
Biology, *Cytology*
Medicine, *Cytology and Tissue System*
CENSUS
Civics and Goverment, *Goverment Agencies*
Sociology, *Population*
CENTER-TYPE GRINDER
Industrial Arts, *Grinding Machine*
CENTERLESS GRINDING MACHINE
Industrial Arts, *Grinding Machine*
CENTRAL AMERICA
Geography, *Foreign Countries*
CERAMICS
Humanities, *Fine Arts*
CHEMISTRY
Chemistry,
Medicine, *Chemistry*
Space Programs, *Chemistry*
CHILD DEVELOPMENT
Education, *Early Childhood*
Education, *Psychology*
CHILD WELFARE
Sociology, *Social Work*
CHILDBIRTH
Medicine, *Pregnancy*
CHILD ABUSE
Sociology, *Social Problems*
CHINA
Geography, *Foreign Countries*
CHRISTIAN EDUCATION
Humanities, *Philosophy and Religion*
CHROMATOGRAPHY
Chemistry, *Chromatography*
CHURCHILL, WINSTON
History, *World War II*
Humanities, *Biography*
CITIZENSHIP
Civics and Government, *Citizenship*
CITY LIFE
Sociology, *Community Life*
CIVICS
Civics and Government
CIVIL AFFAIRS
Sociology, *Community Life*
CIVIL DEFENSE
Civics and Government, *Civil Defense and Disaster*
CIVIL RIGHTS
Civics and Government, *Civil Rights*
CIVIL WAR PERIOD
History, *Civil War Period to 1900*
CLEANING
Health, *Sanitation*
CLERICAL WORK
Business and Economics, *Office Procedure*
CLIMATE
Physical Science, *Weather*
CLINICS
Health, *Facilities*
CLOUDS
Physical Science, *Weather*
CLUBS
Recreation, *Clubs*
COAL
Biology, *Natural Resources*
COAST GUARD
Civics and Government, *Government Agencies*
Civics and Government, *Defense System*
Marine
COASTAL ENGINEERING
Marine, *Engineering*
Physical Science, *Oceanography*
COBALT
Chemistry, *Metallurgy*
COLLEGES
Education, *Educational Institutions*
Education, *Technology*
COLONIAL PERIOD
History, *Colonial Period to 1776*
COMMUNICATION
Space Programs, *Communication*
COMMUNISM
Civics and Government, *Communism*
COMMUNITY HEALTH
Health, *Public Health*
COMMUNITY HELPERS
Sociology, *Community Life*
COMMUNITY LIFE
Sociology, *Community Life*
COMPASS
Marine, *Navigation*
COMPRESSION
Aviation, *Inspection and Maintenance*
COMPETITIONS
Business and Economics, *Economy and Conservation*
COMPOSITION
Humanities, *English*
Industrial Arts, *Engines and Power Systems*
COMPUTER SCIENCE
Business and Economics, *Computer Science and Data Processing*
CONCERTS
Recreation, *Music*
CONGRESS
Civics and Government, *Government Agencies*
CONSERVATION
Business and Economics
Economy and Conservation
CONSTRUCTION
Industrial Arts, *Construction*
CONSUMER EDUCATION
Business and Economics, *Education*
Business and Economics, *Salesmanship and Marketing*
CONTOUR FARMING
Agriculture, *Soil Conservation*
CONTRACTS
Business and Economics, *Contracts*
COOPER-BESSEMER DIESEL ENGINES
Industrial Arts, *Engines and Power Systems*

COPPERSMITHING
Industrial Arts, *Metallurgy*

CORRESPONDENCE
Business and Economics, *Office Procedure*

COTTON
Agriculture, *Crops*

COURSES
Education, *Curriculum*

CRATER
Physical Science, *Geology*

CRIME
Sociology, *Crime*

CRIPPLED CHILDREN
Rehabilitation, *Crippled Children*

CROP-DUSTING
Agriculture, *Plant Science*

CROP ROTATION
Agriculture, *Soil Conservation*

CROPS
Agriculture, *Crops*

CRUTCHES
Rehabilitation, *Equipment*

CRYSTALLOGRAPHY
Chemistry, *Crystallography*

CRYSTALS
Chemistry, *Crystallography*

CULTIVATION
Agriculture, *Horticulture*
Agriculture, *Plant Science*

CULTURE
Sociology, *Anthropology*

CUSTOMS
Sociology, *Anthropology*

CUTTER GRINDER
Industrial Arts, *Grinding Machine*

CYTOLOGY
Biology, *Cytology*
Medicine, *Cytology and Tissue System*

DAIRY PRODUCTS
Agriculture, *Livestock*
Health, *Nutrition*

DAM CONSTRUCTION
Industrial Arts, *Construction*
Industrial Arts, *Engineering*

DAMS
Geography, *United States*

DAMAGES
Civics and Government, *Civil Defense and Disaster*

DANCING
Recreation, *Leisure Time*
Sociology, *Anthropology*

DATA PROCESSING
Business and Economics, *Computer Science and Data Processing*

DEAF-BLIND
Rehabilitation, *Deaf-Blind*

DEAFNESS
Rehabilitation, *Hearing and Speech*

DEALERSHIP
Business and Economics, *Salesmanship and Marketing*

DEBRIDEMENT
Surgery, *Wounds and Injuries*

DEBRIS
Physical Science, *Geology*

DEFENSE SYSTEM
Civics and Government, *Defense System*

DEMOCRACY
Civics and Government, *Democracy*

DEMOGRAPHY
Sociology, *Population*

DENMARK
Geography, *Foreign Countries*

DENTAL
Dentistry

DENTAL HEALTH
Dentistry, *Oral Hygiene*
Dentistry, *Patient Education*

DENTISTRY
Dentistry

DENTISTS
Dentistry, *Careers*

DENTURES
Dentistry, *Prosthodontics*

DEPLETION
Biology, *Natural Resources*

DEPRESSION
Medicine, *Psychiatry and Psychology*
Sociology, *Human Relations*

DERMATOLOGY
Medicine, *Dermatology*

DEVICES
Industrial Arts, *Engines and Power Systems*

DIAGNOSIS
Dentistry, *Diagnosis*
Medicine, *Diagnosis*

DIET
Health, *Nutrition*

DIGESTIVE SYSTEM
Medicine, *Digestive System*

DIPLOMACY
Civics and Government, *International Relations*

DISASTER
Civics and Government, *Civil Defense and Disaster*

DISCRIMINATION
Civics and Government, *Civil Rights*
Sociology, *Minority Group*

DISEASES
Medicine, *Pathology*

DISSECTION
Biology, *Anatomy*
Biology, *Physiology*
Dentistry, *Anatomy and Physiology*
Medicine, *Anatomy*
Surgery, *Anatomy*

DISTRIBUTION
Business and Economics, *Materials Handling*

DIVING
Recreation, *Physical Activities*

DOCTORS
Medicine, *Careers*

DRAFTING
Industrial Arts, *Graphic Arts*
Industrial Arts, *Mechanical and Engineering Drawing*

DRAMA
Humanities, *Drama*

DRILL PRESS
Industrial Arts, *Drill Press*

DRILLING
Industrial Arts, *Drill Press*

DRINKING
Health, *Alcohol*

DRIVER EDUCATION
Safety, *Automobile*

DRIVER TRAINING
Safety, *Automobile*

DROPOUTS
Education, *Counseling*
Sociology, *Social Problems*

DRUG ABUSE
Health, *Drug Abuse and Narcotics*

DRUGS
Health, *Drug Abuse and Narcotics*
Medicine, *Pharmacology and Toxicology*

DYNAMICS
Physics, *Aerodynamics*
Physics, *Kinetics*

EARS
Medicine, *Anatomy*

EARTH SCIENCE
Physical Science

EARTHQUAKES
Physical Science, *Geology*

EARTHWORMS
Biology, *Zoology*

ECOLOGY
Biology, *Ecology*

ECONOMICS
Business and Economics

ECONOMY
Business and Economics, *Economy and Conservation*

EDUCATION
Business and Economics, *Education*

EGYPT
Geography, *Foreign Countries*

ELECTIONS
Civics and Government, *Democracy*

ELECTRICAL SAFETY
Industrial Arts, *Electrical Works and Electronics*
Safety, *Industry*

ELECTRICAL WORKS
Industrial Arts, *Electrical Works and Electronics*

ELECTROMAGNETISM
Electricity, *Magnetism*
Electronics, *Magnetism*
Physics, *Magnetism*

ELECTRONS
Physics, *Magnetism*

EMBARGO
Business and Economics, *Transportation*

EMBRYOLOGY
Biology, *Embryology*

EMERGENCY AGENCIES
Civics and Government, *Civil Defense and Disaster*

EMERGENCY CARE
Health, *Emergency Care*

EMPLOYMENT
Education, *Careers*

EMOTIONS
Medicine, *Psychiatry and Psychology*
Sociology, *Human Relations*

ENDODONTICS
Dentistry, *Endodontics*

ENERGETICS
Physics, *Energetics*

ENERGY
Physics, *Energetics*

ENGINE LATHE
Industrial Arts, *Lathe*

ENGINEERING
Atomic Energy, *Engineering*
Industrial Arts, *Engineering*
Marine, *Engineering*

ENGINEERING DRAWING
Industrial Arts, *Mechanical and Engineering Drawing*

ENGINES
Industrial Arts, *Engines and Power Systems*

ENGINES - FAIRBANKS MORSE DIESEL
Industrial Arts, *Engines and Power Systems*

ENGINES - GENERAL MOTORS 12-567A
Industrial Arts, *Engines and Power Systems*

ENGINES - GENERAL MOTORS 16-278A
Industrial Arts, *Engines and Power Systems*

ENGINES - 8-268A DIESEL
Industrial Arts, *Engines and Power Systems*

ENGLAND
Geography, *Foreign Countries*

ENGLISH
Humanities, *English*

ENTERTAINMENT
Recreation, *Leisure Time*

ENTOMOLOGY
Biology, *Entomology*

ENVIRONMENT
Biology, *Ecology*
Health, *Environmental Health*

ENVIRONMENTAL HEALTH
Health, *Environmental Health*

EPIDEMIOLOGY
Medicine, *Pathology*

EPILEPSY
Rehabilitation, *Epilepsy*

EPIZOOTIOLOGY
Medicine, *Veterinary Medicine*

EQUAL OPPORTUNITY
Civics and Government, *Civil Rights*
Civics and Government, *Democracy*

EQUIPMENT
Electricity, *Equipment*
Electronics, *Equipment*
Rehabilitation, *Equipment*
Surgery, *Equipment*

ERADICATION
Business and Economics, *Technique and System*
Civics and Government, *Civil Defense and Disaster*

EROSION
Agriculture, *Soil Conservation*

ERUPTIONS
Physical Science, *Geology*

ESKIMOS
Geography, *Arctic and Antarctic*
Sociology, *Anthropology*

ETHER
Medicine, *Anethesiology*

ETHICS
Humanities, *Philosophy and Religion*

ETHNOLOGY
Sociology, *Anthropology*

ETIOLOGY
Medicine, *Pathology*

EUGENICS
Biology, *Heredity*

EUROPE
Geography, *Foreign Counties*

EVERGLADES NATIONAL PARK
Geography, *United States*

EXERCISES
Recreation, *Physical Activities*

EXPLOSIVES
Business and Economics, *Technique and System*
Industrial Arts, *Construction*
Safety, *Industry*

EYES
Medicine, *Anatomy*

FACTORY
Business and Economics, *Industry*
Business and Economics, *Manufacturing*

FALLOUT SHELTER
Civics and Government, *Civil Defense and Disaster*

FAMILY
Sociology, *Marriage and the Family*

FAMILY PLANNING
Health, *Birth Control*

FAMILY WELFARE
Sociology, *Social Work*

FARM MAINTENANCE
Agriculture, *Farm Maintenance*

FARM PRODUCTS
Agriculture, *Crops*
Agriculture, *Livestock*

FARM WORK
Agriculture, *Farm Work*

FARMING
Agriculture

FEDERAL AGENCIES
Civics and Government, *Government Agencies*

FEDERAL BUREAU OF INVESTIGATION
Civics and Government, *Government Agencies*
Civics and Government, *Law Enforcement*
Sociology, *Crime*

FEDERAL LIBRARIES
Civics and Government, *Government Agencies*
Education, *Library Science*

FERTILIZERS
Agriculture, *Plant Science*

FESTIVALS
Sociology, *Anthropology*

FIBERGLASS
Industrial Arts, *Plastics*

FIELD TRIPS
Education, *Instructional Technique*
Education, *Technology*

FILING
Business and Economics, *Office Procedures,*
Industrial Arts, *Metallurgy*

FILMS
Industrial Arts, *Photography*

FINE ARTS
Humanities, *Fine Arts*

FINLAND
Geography, *Foreign Countries*

FIRE
Safety, *Fire*

FIRE CONTROL
Business and Economics, *Technique and System*
Safety, *Fire*

FIRE SAFETY
Safety, *Fire*

FIREMEN
Safety, *Fire*
Sociology, *Community Life*

FIRST AID
Health, *First Aid*

FISHING
Business and Economics, *Industry*

FLIGHT
Aviation

FLIGHTSAFETY
Safety, *Air*

FLIGHT TRAINING
Aviation, *Flight Training*

FLOATING DOCKS
Business and Economics, *Transportation*
Marine, *Rules of the Road*

- **FLOODS**
  - Physical Science, *Geology*
  - Physical Science, *Weather*
- **FLOWERS**
  - Agriculture, *Horticulture*
- **FLYING COMPETITIONS**
  - Aviation, *Flying Exhibitions and Competitions*
- **FLYING EXHIBITIONS**
  - Aviation, *Flying Exhibitions and Competitions*
- **FOLIAGE**
  - Agriculture, *Horticulture*
- **FOLK MUSIC**
  - Recreation, *Music*
- **FOOD**
  - Agriculture, *Crops*
  - Health, *Nutrition*
- **FOOD HANDLING**
  - Agriculture, *Farm Work*
  - Business and Economics, *Materials Handling*
  - Business and Economics, *Technique and System*
  - Health, *Nutrition*
- **FORCEPS**
  - Medicine, *Pregnancy*
  - Surgery, *Equipment*
- **FOREIGN COUNTRIES**
  - Geography, *Foreign Countries*
- **FOREIGN LANGUAGES**
  - Humanities, *Languages*
- **FOREIGN POLICY**
  - Civics and Government, *Foreign Policy*
- **FOREIGN TRADE**
  - Civics and Government, *Foreign Policy*
- **FORESTRY**
  - Biology, *Natural Resources*
- **FORGING**
  - Industrial Arts, *Metallurgy*
- **FOUNDRY**
  - Industrial Arts, *Foundry*
- **FRACTURES**
  - Surgery, *Wounds and Injuries*
- **FRANCE**
  - Geography, *Foreign Countries*
- **FRATERNITY**
  - Recreation, *Clubs*
- **FREIGHT**
  - Business and Economics, *Transportation*
- **FRENCH LANGUAGE**
  - Humanities, *Languages*
- **FRUIT**
  - Agriculture, *Crops*
- **FRUSTRATION**
  - Sociology, *Human Relations*
- **FUEL**
  - Atomic Energy, *Reactor*
  - Biology, *Natural Resources*
- **FUNGUS**
  - Biology *Microbiology*
  - Biology, *Natural Resources*
- **GAMES**
  - Recreation, *Leisure Time*
  - Recreation, *Physical Activities*
- **GAMMA RAYS**
  - Chemistry, *Radiation*
  - Physics, *Radiation*
- **GARDENING**
  - Agriculture, *Horticulture*
- **GARRISONS**
  - Civics and Government, *Defense System*
- **GAS**
  - Biology, *Natural Resources*
- **GEAR HOBBING MACHINE**
  - Industrial Arts, *Hobbing Machine*
- **GENETICS**
  - Biology, *Heredity*
- **GEOGRAPHY**
  - Geography
- **GEOLOGY**
  - Physical Science, *Geology*
- **GEOMETRY**
  - Education, *Mathematics*
- **GERIATRICS**
  - Medicine, *Pathology*
  - Sociology, *Aging*
- **GERMAN LANGUAGE**
  - Humanities, *Languages*
- **GERMANY**
  - Geography, *Foreign Countries*
- **GERONTOLOGY**
  - Sociology, *Aging*
- **GHETTO**
  - Sociology, *Minority Group*
  - Sociology, *Social Problems*
- **GIFTED CHILDREN**
  - Education, *Special Education*
- **GIRL SCOUTS**
  - Recreation, *Clubs*
- **GLACIERS**
  - Physical Science, *Geology,*
- **GLANDS**
  - Medicine, *Anatomy*
- **GOVERNMENT**
  - Civics and Government
- **GOVERNMENT AGENCIES**
  - Civics and Government, *Government Agencies*
- **GRAINS**
  - Agriculture, *Crops*
- **GRAND CANYON**
  - Geography, *United States*
- **GRAPHIC ARTS**
  - Industrial Arts, *Graphics Arts*
- **GRASSLANDS**
  - Biology, *Natural Resources*
- **GRAVITY**
  - Physical Science, *Air*
  - Physics, *Principle*
- **GREAT BRITAIN**
  - Geography, *Foreign Countries*
- **GREAT LAKES**
  - Geography, *United States*
- **GREECE**
  - Geography, *Foreign Countries*
- **GRINDING MACHINE**
  - Industrial Arts, *Grinding Machine*
- **GUIDANCE**
  - Education, *Counseling*
- **HALLUCINATIONS**
  - Medicine, *Psychiatry and Psychology*
- **HALLUCINOGENS**
  - Medicine, *Psychiatry and Psychology*
- **HANDTOOLS**
  - Industrial Arts, *Handtools*
- **HAWAII**
  - Geography, *United States*
- **HEALTH**
  - Health
- **HEARING**
  - Rehabilitation, *Hearing and Speech*
- **HEART**
  - Medicine, *Cardiovascular System*
- **HELICOPTERS**
  - Aviation, *Helicopters*
- **HEMATOLOGY**
  - Medicine, *Hemic and Lymphatic System*
- **HEMIC SYSTEM**
  - Medicine, *Hemic and Lymphatic System*
- **HEMIPLEGIA**
  - Rehabilitation, *Physical Therapy*
- **HERBS**
  - Agriculture, *Horticulture*
- **HEREDITY**
  - Biology, *Heredity*
- **HEROIN**
  - Health, *Drug Abuse and Narcotics*
- **HISTORY**
  - Aviation, *History*
  - History
  - Marine, *History*
  - Space Programs, *History*
- **HITLER, ADOLF**
  - History, *World War II*
  - Humanities, *Biography*
- **HOBBIES**
  - Recreation, *Leisure Time*
- **HOBBING MACHINE**
  - Industrial Arts, *Hobbing Machine*
- **HOLLAND**
  - Geography, *Foreign Countries*
- **HORIZONTAL BORING**
  - Industrial Arts, *Boring Machine*
- **HORTICULTURE**
  - Agriculture, *Horticulture*
- **HOSPITAL**
  - Health, *Facilities*
- **HOUSE CONSTRUCTION**
  - Industrial Arts, *Construction*
- **HOUSING**
  - Sociology, *Urbanization*
- **HUMAN BODY**
  - Medicine, *Anatomy*
- **HUMAN RELATIONS**
  - Sociology, *Human Relations*
- **HUMAN REPRODUCTION**
  - Health, *Sexuality and Sex Education*
  - Medicine, *Pregnancy*
- **HUMAN SERVICES**
  - Rehabilitation

- **HUMANITIES**
  - Humanities
- **HUMIDITY**
  - Physical Science, *Weather*
- **HUNGARY**
  - Geography, *Foreign Countries*
- **HURRICANES**
  - Physical Science, *Weather*
- **HYDRAULICS**
  - Physics, *Kinetics*
- **HYDROGEN BOMB**
  - Atomic Energy, *Weapon*
- **HYDROGRAPHY**
  - Industrial Arts, *Hydrography*
- **HYDROLOGY**
  - Physical Science, *Oceanography*
- **HYDROTHERAPY**
  - Rehabilitation, *Physical Therapy*
- **HYGIENE**
  - Health, *Sanitation*
- **HYSTERIA**
  - Medicine, *Psychiatry and Psychology*
- **ICELAND**
  - Geography, *Foreign Countries*
- **IMMUNOLOGY**
  - Medicine, *Pharmacology and Toxicology*
- **INDIA**
  - Geography, *Foreign Countries*
- **INDIANS, AMERICAN**
  - Geography, *United States*
  - Sociology, *Anthropology*
- **INDIVIDUAL DIFFERENCES**
  - Education, *Psychology*
- **INDUSTRIAL ARTS**
  - Industrial Arts
- **INDUSTRIAL MANAGEMENT**
  - Business and Economics, *Labor and Management*
- **INDUSTRIAL SECURITY**
  - Civics and Government, *Security Control*
- **INDUSTRY**
  - Business and Economics, *Industry*
  - Safety, *Industry*
- **INFANT CARE**
  - Health, *Nursing and Patient Care*
- **INFANTRY**
  - Civics and Government, *Defense System*
- **INFECTIONS**
  - Medicine, *Bacteriology*
  - Medicine, *Microbiology*
  - Medicine, *Parasitology*
- **INJURIES**
  - Surgery, *Wounds and Injuries*
- **INORGANIC CHEMISTRY**
  - Chemistry, *Inorganic Chemistry*
- **INSECTICIDES**
  - Agriculture, *Plant Science*
- **INSECTS**
  - Biology, *Entomology*
- **INSTALLATION**
  - Industrial Arts, *Electrical Works and Electronics*
- **INSTRUCTION**
  - Education, *Instructional Technique*
  - Education, *Teacher and Teaching*
- **INSTRUCTIONAL MATERIALS**
  - Education, *Instructional Technique*
- **INSURANCE**
  - Business and Economics, *Contracts*
  - Business and Economics, *Small Business*
- **INTERNAL GRINDER**
  - Industrial Arts, *Grinding Machine*
- **INTERNATIONAL RELATIONS**
  - Agriculture, *International Relations*
  - Civics and Government, *International Relations*
- **INTERNATIONALISM**
  - Civics and Government, *Foreign Policy*
  - Civics and Government, *International Relations*
- **INTERPERSONAL PROBLEMS**
  - Sociology, *Social Problems*
- **INTERVIEWING**
  - Business and Economics, *Supervision*
  - Sociology, *Human Relations*
- **IRELAND**
  - Geography, *Foreign Countries*
- **IRRIGATION**
  - Business and Economics, *Transportation*
- **ISRAEL**
  - Geography, *Foreign Countries*
- **ITALY**
  - Geography, *Foreign Countries*
- **JAPAN**
  - Geography, *Foreign Countries*
- **JET ENGINES**
  - Aviation, *Inspection and Maintenance*
  - Aviation, *Repair*
  - Industrial Arts, *Engines and Power Systems*
- **JETS**
  - Aviation, *Aircraft*
- **JOBS**
  - Education, *Careers*
- **JOINTER**
  - Industrial Arts, *Woodworking*
- **JOURNALISM**
  - Humanities, *English*
- **JUDICIAL PROCESS**
  - Civics and Government, *Law Enforcement*
- **JUVENILE DELINQUENCY**
  - Sociology, *Crime*
  - Sociology, *Social Problems*
- **KINDERGARTEN**
  - Education, *Early Childhood*
- **KINETICS**
  - Physics, *Kinetics*
- **KNOTS**
  - Marine, *Seamanship*
- **KOREA**
  - Geography, *Foreign Countries*
- **KOREAN WAR**
  - History, *Korean War*
- **LABOR**
  - Business and Economics, *Labor and Management*
- **LABORATORY**
  - Biology, *Laboratory*
  - Chemistry, *Laboratory*
  - Medicine, *Laboratory*
- **LANGUAGES**
  - Humanities, *Languages*
- **LARCENY**
  - Sociology, *Crime*
- **LASERS**
  - Industrial Arts, *Optics*
  - Physics, *Spectrum*
- **LATHE**
  - Industrial Arts, *Lathe*
- **LATIN AMERICA**
  - Geography, *Foreign Countries*
- **LAUNCH VEHICLE**
  - Space Programs, *Launch Vehicle*
- **LAW**
  - Civics and Government, *Law Enforcement*
- **LAW ENFORCEMENT**
  - Civics and Government, Law Enforcement
- **LEAGUE OF NATIONS**
  - Civics and Government, *International Relations*
  - Civics and Government, *United Nations*
- **LEARNING DISABILITIES**
  - Rehabilitation, *Learning Disabilities*
- **LEGISLATURE**
  - Civics and Government, *Law Enforcement*
- **LEISURE TIME**
  - Recreation, *Leisure Time*
- **LEUKEMIA**
  - Medicine, *Cancer*
- **LIBERAL ARTS**
  - Education, *Technology*
- **LIBRARIES**
  - Education, *Educational Institutions*
  - Education, *Library Science*
- **LIBRARY OF CONGRESS**
  - Civics and Government, *Government Agencies*
  - Education, *Library Science*
- **LIFE CYCLES**
  - Biology, *Embryology*
  - Biology, *Zoology*
  - Medicine, *Pregnancy*
- **LITERATURE**
  - Humanities
- **LITHOGRAPHY**
  - Industrial Arts, *Graphic Arts*
- **LIVESTOCK**
  - Agriculture, *Livestock*
- **LOCKSMITHING**
  - Industrial Arts, *Metallurgy*
- **LOCOMOTION**
  - Business and Economics, *Transportation*
- **LOCUST**
  - Biology, *Entomology*
- **LOGISTICS**
  - Business and Economics, *Materials Handling*

LSD
Health, *Drug Abuse and Narcotics*

LUMBER
Business and Economics, *Industry*

LUNAR EXPLORATION
Space Programs, *Lunar Probe*
Space Programs, *Space Exploration*

LUNAR PROBE
Space Programs, *Lunar Probe*

LUXEMBOURG
Geography, *Foreign Countries*

LYMPHATIC SYSTEM
Medicine, *Hemic and Lymphatic System*

MACHINING
Industrial Arts

MAGNETISM
Physics, *Magnetism*

MAIL
Business and Economics, *Technique and System*
Business and Economics, *Transportation*

MAINTENANCE
Marine, *Maintenance*

MALARIA
Medicine, *Bacteriology*
Medicine, *Biology and Zoology*
Medicine, *Microbiology*

MAMMALS
Biology, *Zoology*

MAMMOGRAPHY
Health, *Radiology*
Medicine, *Cancer*

MANAGEMENT
Business and Economics, *Labor and Management*

MANAGEMENT TRAINING
Business and Economics, *Education*
Business and Economics, *Labor and Management*

MANUAL COMMUNICATION
Education, *Special Education*
Rehabilitation, *Hearing and Speech*

MANUFACTURING
Business and Economics, *Manufacturing*

MAPS
Industrial Arts, *Maps*

MARIHUANA
Health, *Drug Abuse and Narcotics*

MARINE
Marine
Biology, *Marine*

MARINE CORPS
Civics and Government, *Defense System*
Marine

MARKETING
Business and Economics, *Salesmanship and Marketing*

MARRIAGE
Sociology, *Marriage and the Family*

MASONRY
Industrial Arts, *Construction*

MATERIALS HANDLING
Business and Economics, *Materials Handling*

MEAT
Agriculture, *Meat*

MECHANICAL DRAWING
Industrial Arts, *Mechanical and Engineering Drawing*

MECHANICS
Physics, *Kinetics*

MEDICAL
Medicine

MEDICAL PROFESSION
Health, *Medical and Paramedical Profession*

MEDICAL SUPPLY
Health, *Facilities*

MEDICARE
Sociology, *Aging*
Sociology, *Social Problems*

MEDICINE
Atomic Energy, *Biology and Medicine*
Medicine
Space Programs, *Medicine and Biology*

MEETINGS
Business and Economics, *Office Procedure*
Health, *Conference*

MEMORY
Education, *Learning and Cognition*

MENTAL ILLNESS
Medicine, *Psychiatry and Psychology*

MENTAL RETARDATION
Rehabilitation, *Mental Retardation*

MERCHANDISING
Business and Economics, *Salesmanship and Marketing*

METACENTER
Marine, *Engineering*

METAL CUTTING BAND SAW
Industrial Arts, *Metallurgy*

METAL WORK
Industrial Arts, *Metallurgy*

METALLOGRAPHY
Chemistry, *Metallurgy*

METALLURGY
Chemistry, *Metallurgy*
Industrial Arts, *Metallurgy*

METEOROLOGY
Physical Science, *Weather*

METERS
Industrial Arts, *Electrical Works and Electronics*
Industrial Arts, *Technical Measurements*

METRIC SYSTEM
Education, *Mathematics*
Industrial Arts, *Technical Measurements*

METROPOLITAN
Sociology, *Population*
Sociology, *Urbanization*

MICROBES
Biology, *Microbiology*

MICROBIOLOGY
Biology, *Microbiology*
Medicine, *Microbiology*

MICROFILMS
Education, *Library Science*
Industrial Arts, *Photography*

MICROWAVES
Physics, *Spectrum*

MICROORGANISMS
Biology, *Microbiology*
Medicine, *Microbiology*

MILITARY
Civics and Government, *Defense System*

MILITARY DEPENDENTS
Sociology, *Military Dependents*

MILITARY HISTORY
History, *Military History*

MILITARY JUSTICE
Civics and Government, *Military Justice*

MILITARY MEDICINE
Medicine, *Military Medicine*

MILLING MACHINE
Industrial Arts, *Milling Machine*

MINING
Business and Economics, *Industry*

MINORITY GROUP
Sociology, *Minority Group*

MISSILES AND ROCKETS
Space Programs, *Propulsion*

MOLDING
Industrial Arts, *Woodworking*

MONITORING
Atomic Energy, *Safety, Waste Disposal, and Monitoring*

MONROE DOCTRINE
Civics and Government, *Foreign Policy*
History, *1783 to 1860*

MOON
Physical Science, *Astronomy*
Physical Science, *Space and Solar System*

MORALE SERVICES
Humanities, *Philosophy and Religion*

MOSQUITOES
Biology, *Zoology*
Medicine, *Biology and Zoology*

MOSSES
Agriculture, *Plant Science*
Biology, *Natural Resources*

MOTION PICTURES
Education, *Instructional Techniques*
Humanities, *Fine Arts*

MOUNTAINEERING
Safety, *Mountaineering*

MUNITIONS
Civics and Government, *Defense System*

MUSCLES
Medicine, *Anatomy*

MUSEUMS
Education, *Educational Institutions*

MUSIC
Recreation, *Music*

MYCOLOGY
Medicine, *Mycology*

MYCOSIS
Medicine, *Parasitology*

NARCOTICS
Health, *Drug Abuse and Narcotics*

NATIONAL PARKS
Geography, *United States*

NATIONAL SECURITY
Civics and Government

NATIONS
Geography, *Foreign Countries*

NATURAL RESOURCES
Biology, *Natural Resources*

NAVAL HISTORY
Marine, *History*

NAVIGATION
Aviation, *Navigation*
Marine, *Navigation*
Space Programs, *Navigation*

NAVY
Marine

NEIGHBORHOOD
Sociology, *Community Life*

NERVOUS SYSTEM
Medicine, *Neurology*

NETHERLANDS
Geography, *Foreign Countries*

NEUROLOGY
Medicine, *Neurology*

NEUROSIS
Medicine, *Neurology*
Medicine, *Psychiatry and Psychology*

NEUTRON
Physics, *Neutron*

NEWSPAPERS
Education, *Mass Media*

NOISE
Health, *Environmental Health*

NORTH ATLANTIC TREATY ORGANIZATION
Civics and Government, *International Relations*

NORWAY
Geography, *Foreign Countries*

NOURISHMENT
Health, *Nutrition*

NUCLEAR BOMB
Atomic Energy, *Weapon*

NUCLEAR ENERGY
Atomic Energy
Physics, *Atomic and Nuclear Energy*

NUCLEAR PHYSICS
Physics, *Atomic and Nuclear Energy*

NUCLEAR REACTOR
Atomic Energy, *Reactor*

NURSERY SCHOOLS
Education, *Early Childhood*

NURSES
Health, *Nursing and Patient Care*
Medicine, *Careers*

NURSING
Health, *Nursing and Patient Care*

NURSING HOME
Health, *Nursing and Patient Care*
Sociology, *Aging*

NUTRITION
Health, *Nutrition*

NYLONS
Industrial Arts, *Plastics*

OBSERVATORY
Space Programs, *Facilities*

OCCLUSION
Dentistry, *Occlusion*

OCCUPATIONAL THERAPY
Rehabilitation, *Occupational Therapy*

OCCUPATIONS
Education, *Careers*

OCEAN ENGINEERING
Marine, *Engineering*
Physical Science, *Oceanography*

OCEANOGRAPHY
Physical Science, *Oceanography*

OCEANS
Physical Science, *Oceanography*

OFFICE PROCEDURE
Business and Economics, *Office Procedure*

OHM'S LAW
Electronics, *Principle*
Physics, *Principle*

OIL PAINTING
Humanities, *Fine Arts*

OKEECHOBEE
Geography, *United States*

OPERATION
Surgery

OPIUM
Health, *Drug Abuse and Narcotics*

OPTICS
Industrial Arts, *Optics*

ORAL HYGIENE
Dentistry, *Oral Hygiene*

ORAL SURGERY
Dentistry, *Oral Surgery*

ORBITS
Space Programs, *Satellite*

ORCHARDS
Agriculture, *Plant Science*

ORCHESTRAS
Recreation, *Music*

ORDNANCE
Civics and Government, *Defense System*

ORES
Biology, *Natural Resources*

ORGANIC CHEMISTRY
Chemistry, *Organic Chemistry*

ORGANIZATION
Business and Economics, *Labor and Management*

ORTHODONTICS
Dentistry, *Orthodontics*

ORTHOPEDICS
Surgery, *Orthopedics*

OXIDATION
Chemistry, *Oxidation*

OXYGEN
Chemistry, *Inorganic Chemistry*

PACIFIC OCEAN
Geography, *United States*

PACKAGING
Business and Economics, *Industry*

PAINTING
Humanities, *Fine Arts*
Industrial Arts, *Construction*

PALEONTOLOGY
Physical Science, *Geology*

PALSY
Medicine, *Neurology*

PANAMA
Geography, *Foreign Countries*

PANELLING
Industrial Arts, *Construction*

PANTOMINE
Humanities, *Drama*

PARAMEDICAL PROFESSION
Health, *Medical and Paramedical Profession*

PARAMETERS
Education, *Mathematics*

PARASITES
Medicine, *Parasitology*

PARASITOLOGY
Medicine, *Parasitology*

PARENTHOOD
Sociology, *Marriage and the Family*

PARKS
Biology, *Natural Resources*
Recreation, *Leisure Time*

PATHOLOGY
Medicine, *Pathology*

PATIENT CARE
Health, *Nursing and Patient Care*

PATIENT EDUCATION
Dentistry, *Patient Education*

PATRIOTISM
Civics and Government, *Democracy*

PATTERNMAKING
Industrial Arts, *Patternmaking*

PAVEMENT
Engineering, *Highway*
Industrial Arts, *Construction*

PENICILLIN
Medicine, *Pharmacology and Toxicology*

PENOLOGY
Sociology, *Penology*

PENSION
Sociology, *Aging*

PENTAGON
Civics and Government, *Defense System*
Civics and Government, *Government Agencies*

PENITENTIARY
Sociology, *Penology*

PERCEPTION
Education, *Learning and Cognition*

PERSONAL DEVELOPMENT
Education, *Psychology*

PERSONNEL MANAGEMENT
Business and Economics, *Labor and Management*

PESTICIDES
Agriculture, *Plant Science*

PETROLEUM
Biology, *Natural Resources*
Business and Economics, *Industry*

PETROLOGY
Physical Science, *Geology*

PHARMACOLOGY
Medicine, *Pharmacology and Toxicology*

PHARMACY
Medicine, *Pharmacology and Toxicology*

PHILOSOPHY
Humanities, *Philosophy and Religion*

PHOTOCHEMISTRY
Industrial Arts, *Photography*

PHOTOGRAPHIC PROCESSES
Industrial Arts, *Photography*

PHOTOGRAPHY
Industrial Arts, *Photography*

PHYSICAL ACTIVITIES
Recreation, *Physical Activities*

PHYSICAL EDUCATION
Education, *Curriculum*
Recreation, *Physical Activities*

PHYSICAL FITNESS
Recreation, *Physical Activities*

PHYSICAL SCIENCE
Physical Science

PHYSICAL THERAPY
Rehabilitation, *Physical Therapy*

PHYSICS
Physics

PICTURES
Industrial Arts, *Photography*

PIPEFITTING
Industrial Arts, *Metallurgy*
Marine, *Shipbuilding*

PLANER
Industrial Arts, *Woodworking*

PLANETS
Physical Science, *Astronomy*
Physical Science, *Space and Solar System*

PLANT SCIENCE
Agriculture, *Plant Science*

PLANTING
Agriculture, *Plant Science*

PLASTICS
Industrial Arts, *Plastics*

PLATINUM
Chemistry, *Metallurgy*

PLAYGROUND ACTIVITIES
Recreation, *Playground Activities*

PLAYS
Humanities, *Drama*

PLUMBING
Industrial Arts, *Plumbing*

POISONS
Medicine, *Pharmacology and Toxicology*

POLAR EXPLORATION
Geography, *Arctic and Antarctic*

POLICE
Civics and Government, *Law Enforcement*

POLITICAL SCIENCE
Civics and Government

POLITICS
Civics and Government

POLLUTION
Health
Enviromental Health

POPULATION
Sociology, *Population*

POSTOPERATIVE CARE
Surgery, *Postoperative Care*

POULTRY
Agriculture, *Livestock*

POVERTY
Sociology, *Social Problems*

POWER SYSTEMS
Industrial Arts, *Engines and Power Systems*

PREGNANCY
Medicine, *Pregnancy*

PREJUDICE
Sociology, *Human Relations*

PREOPERATIVE CARE
Surgery, *Preoperative Care*

PRESIDENTIAL LIBRARIES
Civics and Government, *Government Agencies*
Education, *Library Science*

PRIMATOLOGY
Biology, *Primatology*

PRINTING
Industrial Arts, *Graphic Arts*

PRISMS
Industrial Arts, *Optics*

PRISONS
Sociology, *Penology*

PROGRAMMING
Business and Economics, *Computer Science and Data Processing*

PROPELLERS
Aviation, *Inspection and Maintenance*
Marine, *Maintenance*
Marine, *Shipbuilding*

PROPULSION
Space Programs, *Propulsion*

PROTECTION
Civics and Government, *Security Control*

PROTOZOA
Biology, *Microbiology*

PSYCHIATRY
Medicine, *Psychiatry and Psychology*

PSYCHOANALYSIS
Medicine, *Neurology*
Medicine, *Psychiatry and Psychology*

PSYCHOLOGY
Medicine, *Psychiatry and Psychology*

PUBLIC HEALTH
Health, *Public Health*

PUERTO RICO
Geography, *Foreign Countries*

QUALITY CONTROL
Business and Economics, *Quality Control*

QUANTUM MECHANICS
Physics, *Atomic and Nuclear Energy*
Physics, *Kinetics*

QUARANTINE
Space Programs, *Facilities*

RABIES
Medicine, *Veterinary Medicine*
Medicine, *Virology*

RACE RELATIONS
Sociology, *Minority Group*

RACISM
Civics and Government, *Civil Rights*
Sociology, *Minority Group*

RADAR
Industrial Arts, *Electrical Works and Electronics*

RADIATION
Chemistry, *Radiation*
Physics, *Radiation*

RADIO
Education, *Mass Media*
Electronics, *Communication*

RADIO SERVICING
Industrial Arts, *Electrical Works and Electronics*

RADIOISOTOPE
Atomic Energy, *Radioisotope*
Physics, *Radioisotope*

RADIOLOGY
Health, *Radiology*

RADIUM THERAPY
Health, *Radiology*
Medicine, *Cancer*

RAIL
Business and Economics, *Transportation*

RAIN
Physical Science, *Weather*

RAYS
Physics, *Spectrum*

REACTOR
Atomic Energy, *Reactor*

RECONSTRUCTION
History, *Civil War Period to 1900*

RECREATION
Recreation

RECYCLING
Biology, *Ecology*
Business and Economics, *Technique and System*
Health, *Environmental Health*

REFORMATORY
Sociology, *Penology*

REFRIGERATION
Industrial Arts, *Refrigeration*

REHABILITATION
Rehabilitation

RELATIONSHIP
Sociology, *Human Relations*

RELIGION
Humanities, *Philosophy and Religion*

REPAIR
Aviation, *Repair*

REPTILES
Biology, *Zoology*

RESCUE
Aviation, *Search and Rescue*
Marine, *Search and Rescue*

RESEARCH
Atomic Energy, *Research*
Aviation, *Research and Development*
Health, *Research*
Marine, *Research*
Medicine, *Research*
Physics, *Research*

RESERVE OFFICERS' TRAINING CORPS
Civics and Government, *Defense System*
Education, *Technology*

RESERVOIRS
Biology, *Natural Resources*

RESPIRATORY SYSTEM
Medicine, *Respiratory System*

RETAILING
Business and Economics, *Salesmanship and Marketing*

RETIREMENT
Sociology, *Aging*

REVOLUTIONARY WAR PERIOD
History, *Revolutionary War Period to 1783*

RIFT
Physical Science, *Geology*

RIVERS
Biology, *Natural Resources*
Geography, *Foreign Countries*
Geography, *United States*

RIVETING
Aviation, *Repair*
Industrial Arts, *Metallurgy*
Marine, *Shipbuilding*

ROADS
Engineering, *Highway*

ROAD CONSTRUCTION
Industrial Arts, *Construction*
Industrial Arts, *Engineering*

ROCKETRY
Space Programs, *Propulsion*

ROCKS
Physical Science, *Geology*

ROCKY MOUNTAINS
Geography, *United States*

ROOFING
Industrial Arts, *Construction*

ROTARY ENGINES
Industrial Arts, *Engines and Power Systems*

ROTATION OF CROPS
Agriculture, *Plant Science*

RUBBER
Business and Economics, *Industry*

RULES OF THE ROAD
Marine, *Rules of the Road*

RUSSIA
Geography, *Foreign Countries*

SAFETY
Atomic Energy, *Safety, Waste Disposal, and Monitoring*
Health, *Safety*
Safety
Space Programs, *Safety*

SAFETY BELT
Safety, *Automobile*
Safety, *Industry*

SAILING
Marine, *Navigation*
Marine, *Rules of the Road*

SALESMANSHIP
Business and Economics, *Salesmanship and Marketing*

SANDER
Industrial Arts, *Woodworking*

SANITARY
Health, *Sanitation*

SANITARY ENGINEERING
Health, *Environmental Health*

SANITATION
Health, *Sanitation*

SATELLITE
Space Programs, *Satellite*

SCHIZOPHRENIA
Medicine, *Psychiatry and Psychology*

SCHOOLS
Education, *Aims and Objectives*
Education, *Educational Institutions*

SCIENCE
Atomic Energy
Biology
Chemistry
Physical Science

SCINTILLATION COUNTER
Chemistry, *Technique and Equipment*

SCULPTURE
Humanities, *Fine Arts*

SEAMANSHIP
Marine, *Seamanship*

SEAPORTS
Business and Economics, *Transportation*

SEARCH
Aviation, *Search and Rescue*
Marine, *Search and Rescue*

SEAT BELT
Safety, *Automobile*

SECURITY CONTROL
Civics and Government, *Security Control*

SERUM
Medicine, *Pharmacology and Toxicology*

SEX EDUCATION
Health, *Sexuality and Sex Education*

SEXUALITY
Health, *Sexuality and Sex Education*

SHAPER
Industrial Arts, *Woodworking*

SHARECROPPING
Agriculture, *Farm Work*

SHIPBUILDING
Marine, *Shipbuilding*

SHIPPING
Business and Economics, *Transportation*

SHIPS
Business and Economics, *Transportation*

SINGING
Recreation, *Singing*

SINGLE FACE SURFACER
Industrail Arts, *Woodworking*

SKIN
Medicine, *Dermatology*

SLUMS
Sociology, *Social Problems*
Sociology, *Urbanization*

SMALL BUSINESS
Business and Economics, *Small Business*

SMITHSONIAN INSTITUTION
Education, *Educational Institutions*
Geography, *United States*

SMOKEY THE BEAR
Safety, *Fire*

SMOKING
Health, *Safety*

SNOW
Physical Science, *Weather*

SOCIAL PROBLEMS
Sociology, *Social Problems*

SOCIAL SCIENCE
Civics and Government
Geography
History
Sociology

SOCIAL SECURITY
Sociology, *Aging*
Sociology, *Social Problems*

SOCIAL WELFARE
Sociology, *Social Work*

SOCIAL WORK
Sociology, *Social Work*

SOCIOLOGY
Sociology

SOIL CONSERVATION
Agriculture, *Soil Conservation*

SOIL MANAGEMENT
Agriculture, *Soil Conservation*

SOLAR SYSTEM
Physical Science, *Space and Solar System*

SOLDERING
Industrial Arts, *Soldering*

SOLID WASTES
Health, *Environmental Health*

SORORITIES
Recreation, *Clubs*

SOUNDS
Physics, *Acoustics*

SPACE
Physical Science, *Space and Solar System*

SPACE EXPLORATION
Space Programs, *Space Exploration*

SPACE PROBES
Space Programs, *Space Exploration*

SPACE PROGRAMS
Space Programs

SPACE STATIONS
Space Programs, *Facilities*

SPACE TECHNOLOGY
Space Programs

SPACE VEHICLE
Space Programs, *Propulsion*

SPACE WALK
Space Programs, *Space Exploration*

SPAIN
Geography, *Foreign Countries*

SPANISH LANGUAGE
Humanities, *Languages*

SPECTRUM
Physics, *Spectrum*

SPEECH
Rehabilitation, *Hearing and Speech*

SPIDERS
Biology, *Entomology*

SPINDLE SHAPER
Industrial Arts, *Woodworking*

SPORTS
Recreation, *Physical Activities*

STARS
Physical Science, *Astronomy*
Physical Science, *Space and Solar System*

STATISTICS
Education, *Mathematics*

STEAM ENGINES
Industrial Arts, *Engines and Power Systems*

STEEL
Business and Economics, *Industry*

STORMS
Physical Science, *Weather*

STRIKES
Business and Economics, *Labor and Management*

STROKE
Medicine, *Stroke*

STRUCTURAL ENGINEERING
Industrial Arts, *Engineering*

SUBMARINE
Marine, *Submarine*

SUBURBANIZATION
Sociology, *Urbanization*

SUBWAYS
Business and Economics, *Transportation*

SUN
Physical Science, *Astronomy*
Physical Science, *Space and Solar System*

SUPERVISION
Business and Economics, *Supervision*

SUPERVISORY TRAINING
Business and Economics, *Supervision*

SUPPLY
Business and Economics, *Materials Handling*

SUPREME COURT
Civics and Government, *Government Agencies*
Civics and Government *Law Enforcement*
Sociology, *Crime*

SURGERY
Surgery

SURPLUS
Business and Economics, *Materials Handling*

SURVEYING
Industrial Arts, *Engineering*

SWIMMING
Recreation, *Physical Activities*

SYMPTOMS
Medicine, *Diagnosis*

SYSTEMS ENGINEERING
Business and Economics, *Computer Science and Data Processing*

TACTICS
Civics and Government, *Defense System*

TEACHING
Medicine, *Study and Teaching*

TEACHING METHODS
Education, *Instructional Techniques*
Education, *Teacher and Teaching*

TECHNICAL MEASUREMENT
Industrial Arts, *Technical Measurement*

TEETH
Dentistry, *Anatomy and Physiology*

TELECOMMUNICATIONS
Electronics, *Equipment*
Industrial Arts, *Electrical Works and Electronics*

TELEGRAPH
Electronics, *Equipment*

TELEPHONE
Electronics, *Communication*

TELETYPEWRITER
Electronics, *Equipment*
Industrial Arts, *Electrical Works and Electronics*

TELEVISION
Education, *Mass Media*
Electronics, *Communication*

TELEVISION SERVICING
Industrial Arts, *Electrical Works and Electronics*

TEMPLATES
Industrial Arts, *Patternmaking*

TENNESSEE VALLEY AUTHORITY
Civics and Government, *Government Agencies*
Engineering, *Electromechanism*

TERMITES
Biology, *Entomology*

TERRACING
Agriculture, *Soil Conservation*

TETANUS
Medicine, *Pharmacology and Toxicology*

THERAPEUTICS
Medicine, *Therapeutics*

THERAPY
Medicine, *Therapeutics*
Rehabiltation, *Occupational Therapy*
Rehabiltation, *Physical Therapy*

TIDES
Physical Science, *Oceanography*

TIMBERLAND
Biology, *Natural Resources*

TISSUE SYSTEM
Medicine, *Cytology and Tissue System*

TOBACCO
Agriculture, *Crops*

TOPOGRAPHY
Industrial Arts, *Maps*

TORNADOES
Physical Science, *Weather*

TOURISM
Recreation, *Travel*

TOXICOLOGY
Medicine, *Pharmacology and Toxicology*

TRADE
Business and Economics, *Salesmanship and Marketing*

TRAINING
Space Programs, *Training*

TRAINING AIDS
Education, *Instructional Techniques*

TRAINS
Business and Economics, *Transportation*

TRANSPLANT
Surgery, *Transplant*

TRANSPORTATION
Business and Economics, *Transportation*

TRAVEL
Recreation, *Travel*

TREATIES
Civics and Government, *International Relations*

TREES
Biology, *Natural Resources*

TRUCKING
Business and Economics, *Transportation*

TURRET LATHE
Industrial Arts, *Lathe*

TWENTIETH CENTURY
History, *Twentieth Century*

TYPE SETTING
Industrial Arts, *Graphic Arts*

TYPING
Business and Economics, *Office Procedure*

U-BOATS
Marine, *Submarine*

UNDERSEA TECHNOLOGY
Physical Science, *Oceanography*

UNION OF SOVIET SOCIALIST REPUBLICS
Geography, *Foreign Countries*

UNIONS
Business and Economics, *Labor and Management*

UNITED KINGDOM
Geography, *Foreign Countries*

UNITED NATIONS
Civics and Government, *United Nations*

UNITED STATES
Geography, *United States*

UNIVERSE
Physical Science, *Astronomy*
Physical Science, *Space and Solar System*

- **URBAN STUDIES**
  - Sociology, *Urbanization*
- **URBANIZATION**
  - Sociology, *Urbanization*
- **VACATIONING**
  - Recreation, *Leisure Time*
  - Recreation, *Travel*
- **VACCINATION**
  - Medicine, *Pharmacology and Toxicology*
- **VANDALISM**
  - Sociology, *Crime*
- **VARIETY SAW**
  - Industrial Arts, *Woodworking*
- **VEGETABLES**
  - Agriculture, *Crops*
- **VERTICAL BORING**
  - Industrial Arts, *Boring Machine*
- **VERTICAL MILLING**
  - Industrail Arts, *Milling Machine*
- **VETERINARY MEDICINE**
  - Medicine, *Veterinary Medicine*
- **VIETNAM WAR**
  - History, *Vietnam War*
- **VIROLOGY**
  - Medicine, *Virology*
- **VISUAL SYSTEMS**
  - Education, *Instructional Techniques*
- **VOCATIONAL GUIDANCE**
  - Education, *Careers*
  - Education, *Counseling*
- **VOLCANOES**
  - Physical Science, *Geology*
- **VOLUME**
  - Education, *Mathematics*
  - Industrial Arts, *Technical Measurements*
- **VOTING**
  - Civics and Government, *Democracy*
- **WASTE DISPOSAL**
  - Atomic Energy, *Safety, Waste Disposal, and Monitoring*
- **WATER**
  - Biology, *Natural Resources*
  - Safety, *Water*
- **WATER POLLUTION**
  - Health, *Environmental Health*
- **WATER RESOURCES**
  - Agriculture, *Soil Conservation*
  - Biology, *Natural Resources*
- **WATER SAFETY**
  - Safety, *Water*
- **WATER TREATMENT**
  - Industrial Arts, *Water Treatment*
- **WEAPON**
  - Atomic Energy, *Weapon*
- **WEAPON SYSTEMS**
  - Civics and Government, *Defense System*
- **WEATHER**
  - Physical Science, *Weather*
- **WELDING**
  - Industrial Arts, *Welding*
- **WELFARE SERVICES**
  - Sociology, *Social Work*
- **WHEELCHAIRS**
  - Rehabilitation, *Equipment*
- **WILDLIFE**
  - Biology, *Natural Resources*
- **WILLIAMSBURG**
  - Geography, *United States*
  - History, *Colonial Period to 1776*
- **WIND**
  - Physical Science, *Weather*
- **WIRING**
  - Industrial Arts, *Construction*
- **WOOD LATHE**
  - Industrial Arts, *Lathe*
  - Industrial Arts, *Woodworking*
- **WOOD PRESERVATION**
  - Business and Economics, *Technique and System*
  - Industrial Arts, *Woodworking*
- **WOOD PRODUCTS**
  - Business and Economics, *Industry*
- **WOODWORKING**
  - Industrial Arts, *Woodworking*
- **WORLD FOOD PROBLEMS**
  - Sociology, *Population*
  - Sociology, *Social Problems*
- **WORLD WAR I**
  - History, *World War I*
- **WORLD WAR II**
  - History, *World War II*
- **WOUNDS**
  - Surgery, *Wounds and Injuries*
- **WRITING**
  - Humanities, *English*
- **X-RAYS**
  - Health, *Radiology*
  - Physics, *Radiology*
- **YELLOWSTONE NATIONAL PARK**
  - Geography, *United States*
- **YUGOSLAVIA**
  - Geography, *Foreign Countries*
- **ZONING**
  - Sociology, *Urbanization*
- **ZOO**
  - Biology, *Zoology*
- **ZOOLOGY**
  - Biology, *Zoology*
  - Medicine, *Biology and Zoology*
- **ZOONOTIC DISEASES**
  - Medicine, *Veterinary Medicine*

VI. Subject Section

Media codes such as SL indicate media other than 16 mm (see page vii)

AGRICULTURE

CROPS

*AMONG YOUR SOUVENIRS	USDA
*BIG GAMBLE, THE	USDA
COMMUNITY CANNING	USOE
*COTTON - FIBER WITH A FUTURE	USDA
*COTTON WAREHOUSING	USDA
*COTTON WAREHOUSING (SPANISH)	USDA
*FACT FINDERS, THE	USDA
*GRASS - THE BIG STORY	USDA
*HANDLING AND STORING APPLES IN PALLET BOXES	USDA
*HANDLING FRUITS AND VEGETABLE IN WHOLESALE WAREHOUSES	USDA
*MODERNIZING MARKET FACILITIES	USDA
*NEW NUMBERS, THE	USDA
*NEW USES FOR FARM PRODUCTS	USDA
*OUR MAGIC LAND	USSCS
*PACKAGING FOOD FOR YOU	USDA
*PESTS OR PLENTY	USDA
*PLANT FOR THE FUTURE	USDA
*RAISINS YOU BUY, THE	USDA
*SAFE USE OF PESTICIDES	USDA
*STEM RUST	USDA
*THREE SQUARES, THE	USDA
*WANTED - PLANT PEST DETECTIVES	USDA
*WANTED--PLANT PEST DETECTIVES (SPANISH)	USDA
*WATCH OUT FOR WITCHWEED	USDA

FARM MAINTENANCE

CARE OF A TRACTOR	USOE
FORGE WELDING	USOE
FORGING WITH A HAND FORGE	USOE
*MECHANIZED TRAIL EQUIPMENT	USDA
RECONDITIONING A CULTIVATOR	USOE
RECONDITIONING A GRAIN DRILL	USOE
RECONDITIONING A MOWER, PT 1, CUTTER BAR	USOE
RECONDITIONING A MOWER, PT 2, DRIVE SYSTEM	USOE
RECONDITIONING A TWO-BOTTOM TRACTOR PLOW	USOE
REPAINTING A FRAME BUILDING	USOE
SHARPENING AND TEMPERING FARM TOOLS	USOE
*SPARK ARRESTER INSPECTION	USDA

FARM WORK

*AGRICULTURE STORY, THE	USDA
*COUNTY AGENT, THE	USDOIAA
*DAY ON AN AMERICAN FARM, A	USDA
FACTORY WORKER TURNS FARMER	USDS
FARMER AND I, THE	USIA
*HARVEST OF COOPERATION	USDA
*HORSE SENSE	USDA
*OUT OF THE WOODS	USDA
*RANCHERS AND RANGERS	USDA
*RANCHERS AND RANGERS (SPANISH)	USDA
*REA STORY, THE	USDA
RIVER, THE	USDA
*SAVE MORE LAMBS	USDA
*SIGN OF PROFIT	USDA
*THREE SQUARES, THE	USDA
*WEATHERPROOFING BACA COUNTY	USDA
*WHO SHALL REAP	USDA
*WHO SHALL REAP (SPANISH)	USDA

HORTICULTURE

*FOREST PATTERNS - BEAUTY AND USE	USDA
*GROW YOUR OWN	USDA
*NATIONAL ARBORETUM, THE	USDA
*NEW GUIDELINES FOR THE WELL-LANDSCAPED HOME	USDA
*ORCHIDS	USCIAA

INTERNATIONAL RELATIONS

*AGRICULTURE, U S A	USDA
*AGRICULTURE'S SHOWCASE ABROAD	USDA
*CARDBOARD COW	USDA
*CONSERVATION IN PUERTO RICO (SPANISH)	USDA
*DON'T BRING YOUR ENEMY HOME	USDA
FARMER AND I, THE	USIA
*FARMER COOPERATION IN EUROPE	USDA
*FARMER FOR THE WORLD	USDA
*FOREIGN MARKETING NEWSREEL	USDA
*HARVEST OF COOPERATION	USDA
MIRACLE IN THE DESERT	USIA
OTHER VIETNAM, THE	USAID
*PLUM ISLAND ANIMAL DISEASE LABORATORY	USDA
SIMPLE CUP OF TEA, A	USAID

LIVESTOCK

*AMONG YOUR SOUVENIRS	USDA
HANDLING LIVESTOCK FOR MARKET	USOE
*HANDLING LIVESTOCK SAFELY	USDA
HORSESHOEING	USOE
*ONE BUG IS TOO MANY	USDA
*PESTS OR PLENTY	USDA

* INDICATES NEW ENTRY

AGRICULTURE

LIVESTOCK – *(Continued)*

●PLUM ISLAND ANIMAL DISEASE LABORATORY	USDA
POULTRY PROCESSING INSPECTION	USAF
●RANCHERS AND RANGERS	USDA
●RANCHERS AND RANGERS (SPANISH)	USDA
●SAVE MORE LAMBS	USDA
SHEEP SHEARING	USOE
SHEEP SHEARING (SPANISH)	USOE
●SIGN OF PROFIT	USDA
●SOMETHING TO CROW ABOUT	USDA
●THIS IS LIVESTOCK POOLING	USDA
●VESICULAR EXANTHEMA	USDA

MEAT

CANNING BEEF	USOE
CUTTING AND BONING A FOREQUARTER OF BEEF	USOE
CUTTING AND BONING A HINDQUARTER OF BEEF	USOE
●HOME ON THE RANGE	USDA
●MARK OF QUALITY	USDA
●PACKAGING FOOD FOR YOU	USDA
●THAT THE BEST WILL BE OURS	USDA
●TRACEBACK	USDA

PLANT SCIENCE

●AGRICULTURE STORY, THE	USDA
●AMONG YOUR SOUVENIRS	USDA
BLUE RIBBON	USDS
●CERTAIN DISTANCE, A	USDA
●COTTON - FIBER WITH A FUTURE	USDA
●COTTON WAREHOUSING	USDA
●COTTON WAREHOUSING (SPANISH)	USDA
●DIRECT SEEDING OF SOUTHERN PINE	USDA
●DON'T BRING YOUR ENEMY HOME	USDA
●EASIER WAYS OF LOGGING	USDA
●EASIER WAYS OF LOGGING (SPANISH)	USDA
●EASTERN WHITE PINE	USDA
●EMBANKMENT COMPACTION CONTROL - FAMILY OF CURVES	USFHWA
●ERADICATING THE KHAPRA BEETLE	USDA
●GRASS - THE BIG STORY	USDA
●INSECT ENEMIES	USIIAA
●NATIONAL ARBORETUM, THE	USDA
●NINETEEN HUNDRED FIFTY-FIVE ERUPTION OF KILAUEA VOLCANO, HAWAII	USGS
NON-ROOT FEEDING OF PLANTS	USAEC
●PAMELA'S TREE	USDA
PERSPECTIVES ON PESTICIDES	USNMAC
●PESTS OR PLENTY	USDA
●PLANTING ISN'T ENOUGH	USDA
●PUERTO RICO - MORE OR LESS	USDA
●RADIATION EFFECTS ON FARM ANIMALS	USDA
●ROUNDUP	USDA
●ROUNDUP (SPANISH)	USDA
●SAFE USE OF PESTICIDES	USDA
●STEM RUST	USDA
●TREE IS BORN, A	USDA
●UNWANTED ALIENS	USDA
●WANTED - PLANT PEST DETECTIVES	USDA
●WANTED--PLANT PEST DETECTIVES (SPANISH)	USDA
●WATCH OUT FOR WITCHWEED	USDA
●WHO SHALL REAP	USDA
●WHO SHALL REAP (SPANISH)	USDA

SOIL CONSERVATION

●CONSERVATION IN PUERTO RICO (SPANISH)	USDA
●EMBANKMENT COMPACTION CONTROL - FAMILY OF CURVES	USFHWA
●FROM THE GROUND UP	USIAA
●FUNGI SNARE AND DESTROY NEMATODES (REV ED)	USDA
●GRASS - THE BIG STORY	USDA
●HERITAGE OF THE PLAINS	USDA
●IN COMMON CAUSE	USDA
●LAND OF HAWAII	USDA
●MOUNTAIN WATER	USDA
●NEW LIFE FOR THE GREAT PLAINS	USDA
●NEW PATTERNS ON THE LAND	USDA
●OUR LAND - ITS MANY FACES	USDA
●OUR MAGIC LAND	USSCS
●RAINDROPS AND SOIL EROSION	USDA
●RANGELAND RESEARCH AT MANITOU	USDA
●RANGELAND RESEARCH AT MANITOU (FRENCH)	USDA
RIVER, THE	USDA
RX FOR A RIVER	USAE
●SAVE THE SOIL	USDA
●SOIL AND WATER CONSERVATION	USDA
●TOPSOIL	USDA
●WATER	USDA
●WATER FOR THE WEST	USDA
●WATER ON THE LAND	USIIAA
●WE SHARE THIS LAND	USDA
●WEATHERPROOFING BACA COUNTY	USDA

ATOMIC ENERGY

APPLICATION

●ADDED SENSE, AN - THE DETECTION OF NUCLEAR RADIATION	USAEC
ATOMIC REVOLUTION IN WOOD	USAEC
ATOMIC WEATHERMAN - STRONTIUM-90 ISOTOPIC APPLICATIONS	USAEC
ATOMS FOR PEACE - GENEVA, 1968	USAEC
ATOMS FOR PEACE, PT 3, AGRICULTURE, INDUSTRY AND POWER	USIA
ATOMS FOR PEACE, PT 4, SCIENTIFIC ADVANCEMENT	USIA
ATOMS FOR PEACE, PT 5, WORKING TOGETHER	USIA
BUILDING FOR ATOMIC ENERGY	USAEC
CIVILIAN APPLICATIONS OF NUCLEAR EXPLOSIVES	USAEC
CLEAN AIR IS A BREEZE - AIRBORNE CONTAMINATION CONTROL THROUGH LAMINAR AIR FLOW	USAEC
DESALTING THE SEAS	USAEC
●DESILTING THE HUDSON	USAE
EBR-I CORE DISASSEMBLY AFTER MELTDOWN	USAEC
EBR-II FUEL FACILITY	USAEC
HARVEST OF AN ATOMIC AGE	USIA
HIGH ENERGY PEOPLE, THE	USAEC
INDUSTRIAL APPLICATIONS OF NUCLEAR EXPLOSIVES	USAEC
INDUSTRIAL APPLICATIONS OF RADIOISOTOPES	USAEC
INTRODUCTION TO ANALOG COMPUTERS	USAEC
JOURNAL OF PLUTONIUM, A	USAEC
MAN AND RADIATION	USAEC
MAN AND THE ATOM	USAEC
NO GREATER CHALLENGE	USAEC
NUCLEAR POWER AND THE ENVIRONMENT	USAEC
NUCLEAR SHIP SAVANNAH	USIA

● INDICATES NEW ENTRY

●OPPORTUNITY UNLIMITED - FRIENDLY ATOMS IN INDUSTRY	USAEC
PLOWSHARE	USAEC
PROJECT DUGOUT	USAEC
PROJECT GASBUGGY--THE RESOURCEFUL ATOM	USAEC
PROJECT GNOME	USAEC
PROJECT SEDAN	USAEC
●RADIOISOTOPE APPLICATIONS IN INDUSTRY	USAEC
●RADIOISOTOPE APPLICATIONS IN MEDICINE	USAEC
RADIOISOTOPES - SAFE SERVANTS OF INDUSTRY	USAEC
●RADIOISOTOPES IN BIOLOGY AND AGRICULTURE	USAEC
SANDIA SPINOFF	USAEC
ZERO POWER REACTOR 3 (ZPR-3)	USAEC

BIOLOGY AND MEDICINE

ACROMEGALY (DIAGNOSIS-ETIOLOGY-THERAPY)	USAEC
ATOMS FOR PEACE, PT 2, MEDICINE	USIA
ATOMS ON THE FARM	USAEC
CHROMOSOME LABELING BY TRITIUM	USAEC
COBALT-60 RELOADING	USAEC
COUNTING WHOLE BODY RADIOACTIVITY	USAEC
DIAGNOSIS AND THERAPY WITH RADIATION	USAEC
●FALLOUT AND AGRICULTURE	USDA
FARM FRESH TO YOU	USAEC
FRESHER THE BETTER, THE	USAEC
HEAVY PARTICLE BEAMS IN MEDICINE	USAEC
HUMAN RADIOACTIVITY MEASUREMENTS	USAEC
IODINE-131	USAEC
IONIZING RADIATION IN HUMANS	USAEC
ISOTOPES IN THE DIAGNOSIS OF ANEMIA	USNMAC
LASER-MIRACLES WITH LIGHT	USA
LIQUID SCINTILLATION COUNTING	USAEC
MANY FACES OF ARGONNE, THE	USAEC
MEDICAL RESEARCH REACTOR	USAEC
MIT RESEARCH REACTOR	USAEC
MODIFICATION OF RADIATION INJURY IN MICE	USAEC
MOLECULAR BIOLOGY - AN INTRODUCTION	USAEC
NON-ROOT FEEDING OF PLANTS	USAEC
NUCLEAR POWER AND THE ENVIRONMENT	USAEC
PHYSICAL PRINCIPLES OF RADIOLOGICAL SAFETY, THE	USA
RADIATION IN PERSPECTIVE	USAEC
RADIATION PROTECTION IN NUCLEAR MEDICINE	USN
●RADIOISOTOPE APPLICATIONS IN MEDICINE	USAEC
●RADIOISOTOPES IN BIOLOGY AND AGRICULTURE	USAEC
●RADIOLOGICAL SAFETY	USAEC
RETURN TO BIKINI	USAEC
●ROUNDUP	USDA
●ROUNDUP (SPANISH)	USDA
SAFE HANDLING OF LABORATORY ANIMALS	USNMAC
SCINTILLATION CAMERA FOR MEDICAL DIAGNOSIS	USAEC
TELETHERAPY AND BRACHYTHERAPY	USAEC

ENGINEERING

ACCEL - AUTOMATED CIRCUIT CARD ETCHING LAYOUT	USAEC
BUILDING FOR ATOMIC ENERGY	USAEC
*COMPUTER COLOR GENERATIONS	USAEC
ENGINEERING TEST REACTOR	USAEC
ENGINEERING TEST REACTOR	USAEC
FUNDAMENTALS OF MECHANICAL VIBRATION	USAEC
HORIZONS UNLIMITED, PT 1	USAEC
OPERATING EXPERIENCE - INDIAN POINT	USAEC
PORTSMOUTH STORY, THE	USAEC
REACTOR SAFETY RESEARCH	USAEC
RESPONSE TO MECHANICAL SHOCK	USAEC
TERRADYNAMICS	USAEC

FABRICATION

CERAMIC FUEL FABRICATION DEVELOPMENT FOR PRTR	USAEC
CURRENT METHODS IN PLUTONIUM FUEL FABRICATION	USAEC
DEVELOPMENT AND FABRICATION OF HFIR TARGET ELEMENTS	USAEC
EXPERIMENTAL BREEDER REACTOR I, MARK 3	USAEC
FABRICATION OF PLUTONIUM DISKS	USAEC
FABRICATION OF RESEARCH REACTOR FUEL ELEMENTS	USAEC
FABRICATION OF SNAP-7D FUEL SOURCES	USAEC
FABRICATION OF THE ACCELERATOR STRUCTURE	USAEC
NOVEL METHODS OF FUEL FABRICATION	USAEC
ORGANIC MODERATED REACTOR EXPERIMENT	USAEC
PLUTONIUM FUEL FABRICATION FOR MTR	USAEC
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PLUTONIUM METAL PREPARATION	USAEC
PLUTONIUM RECYCLE	USAEC
PROJECT ROVER	USAEC
SODIUM REACTOR EXPERIMENT	USAEC
SODIUM REACTOR EXPERIMENT FABRICATION	USAEC
THORIUM - U233 UTILIZATION	USAEC
WEATHER EYE, THE	USAEC

RADIOISOTOPE

ATOM AND THE MAN ON THE MOON, THE	USAEC
ATOMIC WEATHERMAN - STRONTIUM-90 ISOTOPIC APPLICATIONS	USAEC
ATOMS FOR PEACE, PT 1, INTRODUCING THE ATOM	USIA
CHROMOSOME LABELING BY TRITIUM	USAEC
INDUSTRIAL APPLICATIONS OF RADIOISOTOPES	USAEC
ISOTOPES	USAEC
MAN AND THE ATOM	USAEC
NON-ROOT FEEDING OF PLANTS	USAEC
*OPPORTUNITY UNLIMITED - FRIENDLY ATOMS IN INDUSTRY	USAEC
OUR NEAREST STAR	USAEC
PHYSICAL PRINCIPLES OF RADIOLOGICAL SAFETY, THE	USA
PRACTICAL PROCEDURES OF MEASUREMENT	USA
PROPERTIES OF RADIATION	USA
*RADIOISOTOPE APPLICATIONS IN INDUSTRY	USAEC

● INDICATES NEW ENTRY

ATOMIC ENERGY

RADIOISOTOPE – *(Continued)*

*RADIOISOTOPE APPLICATIONS IN MEDICINE	USAEC
RADIOISOTOPES - SAFE SERVANTS OF INDUSTRY	USAEC
*RADIOISOTOPES IN BIOLOGY AND AGRICULTURE	USAEC
RADIOISOTOPES IN GENERAL SCIENCE	USA
TELETHERAPY AND BRACHYTHERAPY	USAEC
WEATHER EYE, THE	USAEC

REACTOR

ADVANCED TEST REACTOR	USAEC
ARGONNE FAST SOURCE REACTOR	USAEC
ARMOUR RESEARCH REACTOR	USAEC
ARMY PACKAGE POWER REACTOR	USAEC
ATOMIC POWER TODAY - SERVICE WITH SAFETY	USAEC
ATOMIC POWER TODAY - SERVICE WITH SAFETY	USAEC
ATOMS FOR PEACE, PT 7, ATOMIC POWER AND THE U S	USIA
BASIC PRINCIPLES OF POWER REACTORS	USAEC
BONUS FOR PUERTO RICO	USAEC
BORAX - CONSTRUCTION AND OPERATION OF A BOILING WATER REACTOR	USAEC
CERAMIC FUEL FABRICATION DEVELOPMENT FOR PRTR	USAEC
CONSTRUCTION OF THE ARGONNE RESEARCH REACTOR	USAEC
CONSTRUCTION OF THE EXPERIMENTAL BOILING WATER REACTOR	USAEC
DEVELOPING HOMOGENEOUS REACTORS	USAEC
DRESDEN NUCLEAR POWER STATION	USAEC
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ENGINEERING TEST REACTOR	USAEC
EXPERIMENTAL BOILING WATER REACTOR, THE	USAEC
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FAST REACTOR DEVELOPMENT	USAEC
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FIFTH FUEL, THE	USAEC
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MOLTEN SALT REACTOR EXPERIMENT	USAEC
NAVAL RESEARCH LABORATORY REACTOR	USAEC
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NUCLEAR REACTOR SPACE POWER SYSTEMS	USAEC
NUCLEAR SHIP SAVANNAH, THE	USAEC
NUCLEAR SHIP SAVANNAH, THE	USAEC
OMRE FUEL ELEMENT REMOVAL AND SECOND CORE LOADING	USAEC
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PM-3A NUCLEAR POWER PLANT--ANTARCTICA	USAEC
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RESEARCH REACTOR SAFETY DEVICE	USAEC
RESTORATION OF THE NRX REACTOR	USAEC
SHEAR-LEACH PROCESS FOR SPENT NUCLEAR FUELS	USAEC
SODIUM REACTOR EXPERIMENT	USAEC
SODIUM REACTOR EXPERIMENT FABRICATION	USAEC
THORIUM - U233 UTILIZATION	USAEC
TOMORROW'S POWER - TODAY	USAEC
UNDER WAY	USAEC
VALLECITOS BOILING WATER REACTOR	USAEC
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RESEARCH

ACROMEGALY (DIAGNOSIS-ETIOLOGY-THERAPY)	USAEC
*ADDED SENSE, AN - THE DETECTION OF NUCLEAR RADIATION	USAEC
ADVANCED TEST REACTOR	USAEC
AIR AND GAS CLEANING FOR NUCLEAR ENERGY	USAEC
ANALYSIS OF NUCLEON - NUCLEON SCATTERING EXPERIMENTS	USAEC
ARMOUR RESEARCH REACTOR	USAEC
ATOM AND THE MAN ON THE MOON, THE	USAEC
ATOM, THE - YEAR OF PURPOSE	USAEC
ATOMIC SEARCH, THE	USAEC
ATOMIC TESTS IN NEVADA	USAEC
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ATOMS FOR THE AMERICAS	USAEC
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BEGINNING WITHOUT END, A	USAEC
CHALLENGE OF THE UNKNOWN, THE	USAF
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CONSTRUCTION OF THE EXPERIMENTAL BOILING WATER REACTOR	USAEC
CURRENT METHODS IN PLUTONIUM FUEL FABRICATION	USAEC
DEVELOPING HOMOGENEOUS REACTORS	USAEC
DEVELOPMENT AND FABRICATION OF HFIR TARGET ELEMENTS	USAEC
DISPERSION THEORY APPROACH TO NUCLEON NUCLEAR SCATTERING	USAEC
ENGINEERING TEST REACTOR	USAEC
ENGINEERING TEST REACTOR	USAEC
ENVIRONMENTIAL TESTING AT SANDIA	USAEC
EXPLORATION AT BOULDER	USNBS
FABRICATION OF RESEARCH REACTOR FUEL ELEMENTS	USAEC
FABRICATION OF SNAP-7D FUEL SOURCES	USAEC
FABRICATION OF THE ACCELERATOR STRUCTURE	USAEC

* INDICATES NEW ENTRY

FAST REACTOR DEVELOPMENT	USAEC
FAST REACTOR PROGRAM	USAEC
FIRST CHEMICAL SEPARATION OF LAWRENCIUM	USAEC
FRESHER THE BETTER, THE	USAEC
FUNDAMENTALS OF RADIAC INSTRUMENTS	USA
FUSION RESEARCH	USAEC
HEAVY PARTICLE BEAMS IN MEDICINE	USAEC
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MAGNETIC BOTTLE, THE - ATOMS FOR PEACE	USIA
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ARMY AIRCRAFT GAS TURBINE ENGINE OPERATION, PT 1, PRINCIPLES OF OPERATION		USA
ARMY AIRCRAFT GAS TURBINE ENGINE OPERATION, PT 2, CONTROLS AND INSTRUMENTATION		USA
ARMY AIRCRAFT GAS TURBINE ENGINE OPERATION, PT 3, CONSTRUCTION AND OPERATION OF THE T-5		USA
ASSEMBLING IN A JIG - DRILLING AND RIVETING		USOE
ASSEMBLING IN A JIG - FITTING AND LINING UP		USOE
ATTACHING AND ALIGNING WINGS	FS	USOE
ATTACHING AND ALIGNING WINGS		USOE
BLANKING SHEET METAL ON THE SQUARING SHEAR		USOE
BLANKING SHEET METAL WITH HAND SNIPS		USOE
BLANKING WITH ROTARY AND HIGH SPEED SHEARS		USOE
BLANKING WITH THE SWING ARM ROUTER		USOE
BLIND RIVETING		USOE
CONNECTING AND ADJUSTING CONTROLS		USOE
CROSSWIND TECHNIQUE FOR A CONVENTIONAL GEARED FIXED WING AIRCRAFT		USA
DIMPLING AND COUNTERSINKING		USOE
DRILLING WITH PORTABLE DRILL MOTORS		USOE
DRIVING AND BUCKING RIVETS		USOE
FILING TEMPLATE METAL		USOE
FOREIGN OBJECTS DAMAGE TO ARMY AIRCRAFT		USA
FORMING ON A HAND OPERATED BRAKE		USOE
FORMING ON ROTARY MACHINES		USOE
FORMING ON THE STRETCHING MACHINE		USOE
FORMING WITH A DROP HAMMER		USOE
FORMING WITH RUBBER ON THE HYDRAULIC PRESS		USOE
INSTALLING LANDING GEAR		USOE
LAYING OUT AND FORMING PLYWOOD		USOE
MAKING A FIVE TUCK SPLICE		USOE
MAKING A WRAPPED AND SOLDERED SPLICE		USOE
MAKING SHEET METAL REPAIRS		USOE
PATCHING FABRIC		USOE
PATCHING PLYWOOD		USOE
REMOVING DEFECTIVE RIVETS		USOE
REPAIRING AIRCRAFT TIRES		USOE
REPAIRING STRUCTURAL TUBING		USOE
SQUEEZE RIVETING - STATIONARY AND PORTABLE RIVETERS		USOE
SWAGING CABLE TERMINALS		USOE
TUBE BENDING BY HAND		USOE
USING A PORTABLE SPRAY GUN		USOE
WING ASSEMBLY - THE BOW TIP		USOE
WING ASSEMBLY - THE INBOARD PANEL		USOE
WING ASSEMBLY - THE NOSE SECTION		USOE

RESEARCH AND DEVELOPMENT

*AEROELASTIC PHENOMENA AND RELATED RESEARCH	USNASA
AEROSPACE TECHNOLOGY	USAF
AIR FORCE CAMERAS IN ACTION	USAF
AIR FORCE LOGISTICS COMMAND LOG 1966	USAF
AIR FORCE ON CANVAS, THE	USAF
AIR FORCE STORY, THE - ENTERING THE ERA OF MISSILES (VOL 2, CHAP 6)	USAF
AIR FORCE STORY, THE - HUMAN FACTORS IN SPACE FLIGHT, 1950-1960 (VOL 2, CHAP 8)	USAF
AIR FORCE STORY, THE - OUR WORLD-WIDE AIR FORCE, 1953-1959 (VOL 2, CHAP 5)	USAF
AIR FORCE STORY, THE - THE AIR FORCE AND THE ATOM BOMB (VOL 2, CHAP 1)	USAF
AIRCRAFT CALLED SEVENTY, THE	USAF
ALL WEATHER TESTING OF AERONAUTICAL SYSTEMS	USAF
ANATOMY OF A TRIUMPH	USGSA
*BOLD DECISIONS	USAF
BREAKTHROUGH - SEARCH FOR KNOWLEDGE	USAF
BUT HOW DOES IT FLY	USAF
DESIGN FOR ENVIRONMENT	USAF
FLIGHT TO TOMORROW	USNASA
FLIGHT WITHOUT WINGS	USNASA
*GENERAL AVIATION - FACT OR FICTION	USFAA
INTERCEPT	USAF
INTRODUCTION TO ARMY AIR DEFENSE SYSTEMS	USA
KNOW YOUR CLOUDS	USA
L T A HISTORY - BALLOONS	USN
MAN IN FLIGHT	USAF
*MAN'S REACH SHOULD EXCEED HIS GRASP, A	USNASA
MILITARY SATELLITE COMMUNICATIONS	USAF
OPERATION OF JET AIRCRAFT ENGINES	USN
*OXYGEN - IN-FLIGHT REQUIREMENTS	USAF
PLANE IS BORN, A	USFAA
PLANES IN THE SKY, SHIPS IN THE SEA	USN
PROJECT SLUSH	USFAA
RENDEZOUS 90 DEGREES FAHRENHEIT SOUTH	USAF
RESEARCH PROJECT X-15	USNASA
RETURNS FROM SPACE	USNASA
*S A C COMMAND POST, THE	USAF
SLOW-SPEED FLIGHT CHARACTERISTICS OF SWEPTWING AIRCRAFT	USN
SONIC BOOM - THUNDER FROM THE BLUE SKIES	USAF
SPACE AGE RAILROAD	USAF
*SPACE IN THE 70'S - AERONAUTICS	USNASA
*SPACE IN THE 70'S - THE KNOWLEDGE BANK	USNASA
*SPACE IN THE 70'S - SERIES	USNASA

* INDICATES NEW ENTRY

AVIATION

RESEARCH AND DEVELOPMENT – *(Continued)*

TODAY FOR TOMORROW	USFAA
TOWARD THE UNEXPLORED	USAF
TRANSPORT CRASH SAFETY TESTS, PT 1	USFAA
TRANSPORT CRASH SAFETY TESTS, PT 2	USFAA
*VISUAL GLIDE SLOPE INDICATOR	USFAA

SEARCH AND RESCUE

AIR RESCUE SERVICE, THE	USAF
AIRCRAFT CRASH FIRE INCIDENT SIMULATION TESTS OF THE LIGHT WATER TWINNED AGENT SYSTEM	USN
DEEP SEA SURVIVAL	USAF
DITCHING TECHNIQUES FOR TRANSPORT AIRCRAFT - COMMUNICATIONS, SEA EVALUATION, ...	USAF
ESCAPE AND SURVIVAL SYSTEM	USAF
FIXED WING PRIMARY FLIGHT TRAINING, PT 7, DIRECTIONAL CONTROL	USA
KNOW YOUR AIR RESCUE SERVICE	USAF
MOUNTAIN AND DESERT SURVIVAL - DESERT SURVIVAL	USAF

BIOLOGY

ANATOMY

*INTRACELLULAR TRANSPORT APPARATUS OF PHLOEM FIBERS	USDA

BIOCHEMISTRY

MOLECULAR BIOLOGY - AN INTRODUCTION	USAEC
RX - INNOVATION	USNMAC
RX - INNOVATION (FRENCH)	USNMAC
RX - INNOVATION (SPANISH)	USNMAC

CYTOLOGY

*BOVINE CONTAGIOUS PLEUROPNEUMONIA	USDA

ECOLOGY

*AIR POLLUTION AND PLANT LIFE	USEPA
BIOLOGY AND CONTROL OF SCHISTOSOMIASIS IN PUERTO RICO (SPANISH)	USPHS
BIOLOGY AND CONTROL OF SCHISTOSOMIASIS IN PUERTO RICO (FRENCH)	USNMAC
*CONSERVATION VISTAS	USDA
*ENDLESS CHAIN	USAEC
*ETERNAL FOREST, THE	USDA
SO LITTLE TIME	USBSFW
TOMORROW WILL NOT WAIT - AIR, WATER AND LAND CONSERVATION	USAF
*TREE IS BORN, A	USDA
WARM COAT, THE	USAEC
*WEB OF LIFE - ENDLESS CHAIN	USAEC
*WOOD CHIP MULCH FOR EROSION CONTROL	USFHWA

EMBRYOLOGY

CHICK EMBRYO TECHNIQUES	USNMAC
*IN THE BEGINNING	USDA
TECHNIQUES OF LABORATORY DIAGNOSIS OF INFLUENZA	USNMAC

ENTOMOLOGY

*BLOCK THAT TERMITE	USDA
*CICADA	USDA
*CICADA, THE	USDA
*ERADICATING THE KHAPRA BEETLE	USDA
*PAMELA'S TREE	USDA
*UNWANTED ALIENS	USDA
WOOD PRESERVATION - CONTROL OF WOOD DESTROYING ORGANISMS	USN
WOOD PRESERVATION - INSPECTION FOR WOOD DESTROYING ORGANISMS	USN

HEREDITY

*NATURE OF HUMAN COLOR CHANGE, THE - GENETIC, HORMONAL, NEOPLASTIC	USNMAC

LABORATORY

*BREAKTHROUGH	USDA
*HOG CHOLERA - ITS DIAGNOSIS	USDA
*RADIATION EFFECTS ON FARM ANIMALS	USDA
*RANGELAND RESEARCH AT MANITOU	USDA
*RANGELAND RESEARCH AT MANITOU (FRENCH)	USDA

MARINE

TALKING WITH DOLPHINS	USN
VENOMOUS ANIMALS OF THE SEA	USN

MICROBIOLOGY

*FUNGI SNARE AND DESTROY NEMATODES (REV ED)	USDA

NATURAL RESOURCES

*ADVENTURES OF JUNIOR RAINDROP	USDA
*AIR POLLUTION AND PLANT LIFE	USEPA
AMERICAN ISLAND, THE	USBOR
*CAUSES AND PREVENTION OF MINE FIRES AND EXPLOSIONS	USBM
*CERTAIN DISTANCE, A	USDA
*COLLECTION OF PARTICULATE MATTER AND THE CONTROL OF AIR POLLUTION	USEPA
*COLOR FOR SAFETY	USBM
COLUMBIA, THE - RIVER OF PLANNED DESTINY	USAE
*CONSERVATION VISTAS	USDA
*DAYS OF A TREE	USDA
*DIRECT SEEDING OF SOUTHERN PINE	USDA
*EMERGENCY INVESTIGATION OF COAL WASTE EMBANKMENTS	USBM
*ENDLESS CHAIN	USAEC
*ENVIRONMENTAL SCHOOL, THE	USDA
*ETERNAL FOREST, THE	USDA
EXTRA DIVIDENDS	USAE
*EXTRA FOREST DOLLARS	USDA
*FAMILY FOREST, THE	USDA
FIFTH FUEL, THE	USAEC
*FIGHTING COAL MINE FIRES	USBM
*FIRE FIGHTING IN THE MINERAL INDUSTRY	USBM
*FIRE IN THE FOREST	USDA
*FOREST IN A MUSEUM	USDA
*FOREST, THE	USDA
*GREATEST GOOD, THE	USDA
*HERITAGE OF THE PLAINS	USDA
*HERITAGE RESTORED	USDA
*INTRACELLULAR TRANSPORT APPARATUS OF PHLOEM FIBERS	USDA
*ISLANDS OF GREEN	USDA
*LAND OF THE SKY	USDA

* INDICATES NEW ENTRY

BIOLOGY

NATURAL RESOURCES – *(Continued)*

*LONGER LIFE FOR WOOD	USDA
*MAN AGAINST FIRE	USDA
*MAN AGAINST FIRE (SPANISH)	USDA
*MAN AND A RIVER, A	USEPA
*MOUNTAIN WATER	USDA
*NEW ALASKA, THE	USDA
*NEW GUIDELINES FOR THE WELL-LANDSCAPED HOME	USDA
*OUR LAND - ITS MANY FACES	USDA
*OUR MAGIC LAND	USSCS
*PAMELA'S TREE	USDA
*PATTERNS OF THE WILD	USDA
*PIECE OF WOOD, A	USDA
*PLANTING ISN'T ENOUGH	USDA
*PRESCRIBED BURNING IN THE SOUTH	USDA
*PRESIDENT PLANTS A TREE, THE	USDA
PROJECT GASBUGGY--THE RESOURCEFUL ATOM	USAEC
*PROTECTION AGAINST RADIOACTIVITY IN URANIUM MINES	USBM
*PUERTO RICO - MORE OR LESS	USDA
*RADIATION EFFECTS ON FARM ANIMALS	USDA
*RAINBOW VALLEY - THE STORY OF A FOREST RANGER	USDA
*RAINDROPS AND SOIL EROSION	USDA
*RANGELAND RESEARCH AT MANITOU	USDA
*RANGELAND RESEARCH AT MANITOU (FRENCH)	USDA
*REALM OF THE WILD	USDA
*RIVER RUN	USDA
*SMOKEY AND HIS FRIENDS	USDA
SO LITTLE TIME	USBSFW
*SOIL AND WATER CONSERVATION	USDA
TAKE SAFETY WITH YOU	USAE
TOMORROW WILL NOT WAIT - AIR, WATER AND LAND CONSERVATION	USAF
*TOPSOIL	USDA
*TOTEM POLES	USDA
TOWBOATS A'COMIN'	USAE
*TREE GROWS FOR CHRISTMAS, A	USDA
*USE OF FIRE IN SLASH DISPOSAL	USDA
*VIEWPOINT	USDA
*WATER	USDA
*WATER FOR FARM AND CITY	USDA
*WATER FOR THE WEST	USDA
*WATER ON THE FIRE	USDA
*WATERS FROM THE MOUNTAIN	USDA
*WATERS OF COWEETA	USDA
*WATERSHED WILDFIRE	USDA
*WE SHARE THIS LAND	USDA
*WILDERNESS ENCAMPMENT	USDA
*WILDERNESS TRAIL	USDA
*WILDLIFE AND THE HUMAN TOUCH	USDA
*WILDLIFE AND TIMBER	USDA
WILDLIFE ON THE MAINSTEM	USAE
*WOOD CHIP MULCH FOR EROSION CONTROL	USFHWA
*WOODLAND MANNERS	USDA
*WORKING FOREST, A	USDA

PRIMATOLOGY

*JUNGLE QUEST FOR THE GREAT STONE HEADS	USCIAA

ZOOLOGY

AREA POISONING (REV ED)		USNMAC
BIOLOGY AND CONTROL OF SCHISTOSOMIASIS IN PUERTO RICO		USPHS
BIOLOGY OF DOMESTIC FLIES		USNMAC
COLLECTION OF ADULT FLIES, THE		USNMAC
COMMUNITY FLY CONTROL OPERATION		USPHS
COMMUNITY FLY CONTROL OPERATION (SPANISH)		USPHS
DOLPHINS THAT JOINED THE NAVY, THE		USN
ENEMY IN YOUR HOME		USNMAC
*ENVIRONMENTAL SCHOOL, THE		USDA
FIELD RECOGNITION OF DOMESTIC RAT SIGNS		USNMAC
FIELD RECOGNITION OF MOSQUITO LARVAE		USNMAC
*GENERA OF NORTH AMERICAN TICKS	FS	USNMAC
INSECTS AS CARRIERS OF DISEASE		USOIAA
*INSECTS AS CARRIERS OF DISEASE (FRENCH)		USOIAA
*INSECTS AS CARRIERS OF DISEASE (SPANISH)		USOIAA
LET'S FINISH THE JOB		USNMAC
LIFE HISTORY OF THE ROCKY MOUNTAIN WOOD TICK		USNMAC
MALARIA CONTROL ON IMPOUNDED WATER		USNMAC
MOSQUITO PREVENTION IN IRRIGATED AREAS		USNMAC
MOSQUITO STAGES OF PLASMODIUM FALCIPARUM		USPHS
MOSQUITO SURVEY TECHNIQUES		USPHS
NORWAY RAT, HABITS AND CHARACTERISTICS, THE		USPHS
ON THE ICE		USNSF
ORGANIZED MOSQUITO CONTROL		USNMAC
*PATTERNS OF THE WILD		USDA
PLAGUE CONTROL		USN
*RECOGNITION OF DOMESTIC RODENT SIGNS	FS	USNMAC
RHESUS MONKEYS OF SANTIAGO ISLAND, THE - PUERTO RICO		USNMAC
ROOF RAT, HABITS AND CHARACTERISTICS, THE		USNMAC
*ROUNDUP		USDA
*ROUNDUP (SPANISH)		USDA
RURAL RAT CONTROL		USNMAC
RURAL RAT CONTROL (SPANISH)		USNMAC
TALKING WITH DOLPHINS		USN
*THINK LIKE A MOUNTAIN		USDA
TICKS AND TICK-BORNE DISEASE		USNMAC
TICKS AND TICK-BORNE DISEASES (SPANISH)		USNMAC
URBAN RAT SURVEYS		USNMAC
USE OF ANTICOAGULANTS IN RODENT CONTROL		USNMAC
WARM COAT, THE		USAEC

BUSINESS AND ECONOMICS

COMPUTER SCIENCE AND DATA PROCESSING

*AMVER-AUTOMATED MERCHANT VESSEL REPORTS	USCG
*AUTOMATION IN CLINICAL CHEMISTRY, PT 1, HOW IT WORKS	USN
*AUTOMATION IN CLINICAL CHEMISTRY, PT 2, ASSEMBLY AND OPERATION OF EQUIPMENT	USN
*B-58 BOMBING/NAVIGATION SYSTEM, PT 2, COMPUTERS	USAF
COMMAND AND CONTROL	USAF
*COMPUTER COLOR GENERATIONS	USAEC
COMPUTER FLUID DYNAMICS	USAEC
COMPUTER SYSTEMS IN PERSONNEL ACCOUNTING	USA
CONTROLLER-COMPUTER PARTNERSHIP, THE	USFAA
DIFFRACTOMETER CONTROL	

SYSTEM - A SYSTEM FOR EASY MAN-MACHINE COMMUNICATIONS	USNBS
DIGITAL COMPUTER TECHNIQUE - COMPUTER LOGIC	USN
DIGITAL COMPUTER TECHNIQUE - COMPUTER LOGIC SYMBOLOGY	USN
DIGITAL COMPUTER TECHNIQUE - COMPUTER UNITS	USN
DIGITAL COMPUTER TECHNIQUE - INTRODUCTION	USN
DIGITAL COMPUTER TECHNIQUES - LOGIC ELEMENT CIRCUITS	USN
DIGITAL COMPUTER TECHNIQUES - PROGRAMMING	USN
ENGINEERING DATA MANAGEMENT	USAF
FIRE FIGHTING IN THE NUCLEAR AGE	USAEC
INTRODUCTION TO ANALOG COMPUTERS	USAEC
INTRODUCTION TO AUTOMATIC DATA PROCESSING	USA
INTRODUCTION TO NAS (NATIONAL AIRSPACE SYSTEM) EN ROUTE STAGE A	USFAA
LICENSE PLATE TRAFFIC SURVEY	USFHWA
LINK	USAEC
*MEANWHILE BACK ON EARTH	USNASA
MOBIDIC JOINS THE FIELD ARMY	USA
MODERN MANUFACTURING - COMMAND PERFORMANCE	USAF
NOTHING FOR GRANTED	USN
ORIGIN AND HISTORY OF PROGRAM BUDGETING, THE	USCSC
POSTAL SOURCE DATA SYSTEM, THE	USPO
PROGRAMMED INSTRUCTION - THE DEVELOPMENT PROCESS	USOE
PROGRAMMED INSTRUCTION - THE DEVELOPMENT PROCESS (SPANISH)	USOE
PROGRAMMED INSTRUCTION - THE TEACHER'S ROLE-A SERIES	USOE
PROGRAMMED INSTRUCTION - THE TEACHER'S ROLE-A SERIES (SPANISH)	USOE
PROGRAMMED LEARNING IN THE UNITED STATES AIR FORCE	USAF
TEACHING MACHINES AND PROGRAMMED LEARNING	USOE
THIRD GRADE SCIENCE	USOE
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CONTRACTS

CONTRACT NEGOTIATION TECHNIQUES	USAF
DAILY ENEMY, THE	USDOD
DEFENSE PROCUREMENT - COMPETITIVE NEGOTIATION	USA
DEFENSE PROCUREMENT - CONTRACT ADMINISTRATION	USA
DEFENSE PROCUREMENT - FORMAL ADVERTISING	USA
LET THE BUYER PREPARE	USFSS
ONE BITE AT THE APPLE	USFSS
PROCUREMENT SOURCE SELECTION	USA
SECURITY MAN	USDOD

ECONOMY AND CONSERVATION

AFLC ZERO DEFECTS STORY	USAF
*BIG GAMBLE, THE	USDA
COST REDUCTION - EVERYBODY'S JOB	USAF
COST REDUCTION IS A MONEY SPLENDID THING	USA
DESIGN FOR SURVIVAL	USA
*EXTRA FOREST DOLLARS	USDA
*HARDEST WORKING DOLLAR, THE	USDL
INSIDE STORY, THE	USSBA
IT CAN HAPPEN TO YOU	USSBA
*LONGER LIFE FOR WOOD	USDA
*NATIONAL GRASSLANDS	USDA
*OUT OF THE WOODS	USDA
*POWER AND THE LAND	USDA
*PRODUCTION CREDIT DOES THE JOB	USDA
VALUE ENGINEERING - THE HUNDRED MILLION DOLLAR STORY	USAF
ZERO DEFECTS - RIGHT THE FIRST TIME	USAF

EDUCATION

ANYTHING IS POSSIBLE - WITH TRAINING	USSBA
*JANET AND THE GENIE	USDA
JUNIOR ACHIEVEMENT	USA
*ORIENTATION AND INDOCTRINATION OF SAFE WORKMEN	USBM
PLANNING AND LAYING OUT WORK	USOE
*THAT JOB INTERVIEW	USDL

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*AT HOME WITH WOOD	USDA
*COAL MINER TODAY	USBM
*CONVEYOR BELTS - BE CAREFUL	USBM
*EASIER WAYS OF LOGGING	USDA
*EASIER WAYS OF LOGGING (SPANISH)	USDA
*FIRE FIGHTING IN THE MINERAL INDUSTRY	USBM
*HAZARDS OF CHURN DRILLING	USBM
*JANET AND THE GENIE	USDA
MEN WHO FISH	USIA
*MINING NOISE HAZARDS	USBM
MUTUAL AID - THE 'US' IN INDUSTRY	USOCD
*OPERATION BREAKTHROUGH	USDHUD
*ROCK BOLTING IN ORE MINES	USBM
*ROOF BOLTING IN COAL MINES	USBM
*SAFETY PRACTICES IN LOW-COAL MINING	USBM
STEEL TOWN	USOWIO
*TREE GROWS FOR CHRISTMAS, A	USDA
*TRIESTE TO LAMPEDUSA	USECA

LABOR AND MANAGEMENT

*BETTER WAYS FOR DOING WORK - INTRODUCTION TO THE ARMY WORK SIMPLIFICATION PROGRAM	USA
BREAKTHROUGH TO PROGRESS	USAF
*BUSINESS PLAN, THE - FOR SMALL BUSINESSMEN	USSBA
CASE METHOD OF INSTRUCTION, THE, PT 2	USA
*COUNTING WHAT COUNTS - WORK COUNTS	USA
*DENTAL PRACTICE MANAGEMENT	USNMAC
DENTAL SERVICES - PRACTICE MANAGEMENT	USAF
*EASTERN WHITE PINE	USDA
ENGINEERED PERFORMANCE STANDARDS PROGRAM, THE	USN
ENGINEERING DATA MANAGEMENT	USAF
*FAMILY FOREST, THE	USDA
*FIRE VS FIRE	USDA
*FIRE WEATHER	USDA
*FOOL AND HIS MONEY, A	USN
*FOREST PATTERNS - BEAUTY AND USE	USDA
*FOREST SERVICE ENGINEER, THE	USDA
*GREATEST GOOD, THE	USDA

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* INDICATES NEW ENTRY

BUSINESS AND ECONOMICS

LABOR AND MANAGEMENT — *(Continued)*

●HARDEST WORKING DOLLAR, THE	USDL
●HEARTBEAT OF BUSINESS, THE	USSBA
●JOB STORY	USDL
●LAND CHANGES, THE	USDA
●LAND OF THE SKY	USDA
LANGUAGE OF BUSINESS, THE	USSBA
MAINTAINING WORKERS' INTEREST	USOE
MAINTAINING WORKERS' INTEREST (SPANISH)	USOE
MAN OR WOMAN FOR THE JOB, THE	USSBA
MANAGEMENT CONCEPTS FOR DEPOT MAINTENANCE	USAF
MANAGEMENT IMPROVEMENT - IT'S YOUR BUSINESS	USN
●MANAGEMENT'S ROLE IN HEALTH AND SAFETY	USBM
MATERIAL HANDLING PRINCIPLES IN TRANSPORTATION	USAF
MY FRIEND, THE ENEMY	USIA
●NATIONAL GRASSLANDS	USDA
ORIGIN AND HISTORY OF PROGRAM BUDGETING, THE	USCSC
PERFORMANCE EVALUATION	USAF
PERT--MILESTONE SYSTEM--PERT INTRODUCTION	USN
PLACING THE RIGHT MAN ON THE JOB	USOE
PLACING THE RIGHT MAN ON THE JOB (SPANISH)	USOE
●PLANTING ISN'T ENOUGH	USDA
PRINCIPLES OF PAPERWORK MANAGEMENT--BETTER CORRESPONDENCE PRACTICES	USN
PRINCIPLES OF PAPERWORK MANAGEMENT--MOVING THE MAIL	USN
●RANCHERS AND RANGERS	USDA
●RANCHERS AND RANGERS (SPANISH)	USDA
●RIVER OF MAIL	USPO
●RIVER RUN	USDA
●SAFETY PRACTICES IN LOW-COAL MINING	USBM
●SECTOR BOSS	USDA
STATISTICAL SAMPLING - A MANAGEMENT TOOL	USFSS
SUPERVISING WOMEN WORKERS	USOE
SUPPLY MANAGER'S DILEMMA, THE	USN
THREE TIMES THREE	USSBA
UNION STEWARD AND YOU, THE	USN
●USE OF FIRE IN SLASH DISPOSAL	USDA
●WHO DOES WHAT TO WHAT - THE WORK DISTRIBUTION CHART	USA
●WILDLIFE AND THE HUMAN TOUCH	USDA
●WILDLIFE AND TIMBER	USDA
●YOUR WORST ENEMY	USBM

MANUFACTURING

●EASIER WAYS OF LOGGING	USDA
●EASIER WAYS OF LOGGING (SPANISH)	USDA
FOUR ELEMENTS, THE	USIA
QUARTERMASTER QUALITY CONTROL FOR GENERAL SUPPLIES AND PARTS	USA
●SMALL SAWMILL, THE	USDA

MATERIALS HANDLING

AMMUNITION SUPPLY POINT OPERATION		USA
BASE PROCUREMENT		USAF
BEANS, BULLETS AND BLACK OIL		USN
CASE METHOD OF INSTRUCTION, THE, PT 2		USA
CIVILIAN SAILOR - THE STORY OF THE NAVAL RESERVE		USN
●COMMUNICATION CENTER PROCEDURE FOR CORPS AND LOWER HEADQUARTERS, PT 1, OUTGOING ...		USA
COMPUTER SYSTEMS IN PERSONNEL ACCOUNTING		USA
●CONSTRUCTION SAFETY AND HEALTH TRAINING COURSE	SL	USDL
●COTTON WAREHOUSING		USDA
●COTTON WAREHOUSING (SPANISH)		USDA
CRANE OPERATIONS - FLOATING CRANES		USN
CRANE OPERATIONS - SAFETY PRECAUTIONS		USN
DEFENSE PROCUREMENT - CONTRACT ADMINISTRATION		USA
DEFENSE PROCUREMENT - FORMAL ADVERTISING		USA
DESIGN FOR SURVIVAL		USA
DRAFTS AND SLINGS		USA
●EASIER WAY, AN		USDA
ENGINEERING DATA MANAGEMENT		USAF
●ERECTING LARGE POLES		USA
●HANDLING AND STORING APPLES IN PALLET BOXES		USDA
●HANDLING FRUITS AND VEGETABLE IN WHOLESALE WAREHOUSES		USDA
●LIFTING-A-WEIGHT AWAY		USPOST
●LOADING AND UNLOADING POLES		USA
LOADS & LOADING OF GENERAL TRANSPORT VEHICLES		USA
MANAGEMENT IMPROVEMENT - IT'S YOUR BUSINESS		USN
●MATERIAL HANDLING IN AAF DEPOTS		USAF
MATERIAL HANDLING PRINCIPLES IN TRANSPORTATION		USAF
MATERIALS HANDLING EQUIPMENT OPERATION - GANTRY TRUCK AND WAREHOUSE CRANES		USN
MEDICAL SUPPLY SYSTEM, U S ARMY, PT 2, OPERATIONS AT CONUS AND OVERSEAS INSTALLATIONS		USA
MEDICAL SUPPLY, U S ARMY, PT 1, ORGANIZATION AND ADMINISTRATION		USA
MILITARY SEA TRANSPORTATION SERVICE, THE INTRODUCTION		USN
●MILITARY STEVEDORING, PT 2 - SLINGS AND BRIDLES		USA
●MODERNIZING MARKET FACILITIES		USDA
●NARRATIVE CONSTRUCTION SAFETY AND HEALTH TRAINING COURSE	SL	USDL
NOT BY MAGIC		USGSA
●OH! MY ACHING BACK		USBM
●REALITIES OF RECYCLING, THE		USEPA
RELIABILITY - PART AND PARCEL		USAF
●RIVER OF MAIL		USPO
SLINGING LOAD		USN
●STATISTICAL QUALITY CONTROL - PROCESS CONTROL		USN
STEP IN THE RIGHT DIRECTION, A		USSBA
STRAPS AND TRANSPORTATION BRIDLES		USA
SUMMER MOVEMENTS IN THE ARCTIC		USA
SUPPLY MANAGER'S DILEMMA, THE		USN
●THAT THE BEST WILL BE OURS		USDA
WHAT, WHERE AND WHEN - THE STORY OF THE U S ARMY SUPPLY AND MAINTENANCE COMMAND		USA
WHY CALIBRATE		USN

● INDICATES NEW ENTRY

OFFICE PROCEDURE

ANYTHING IS POSSIBLE - WITH TRAINING		USSBA
BASE PROCUREMENT		USAF
COMMUNICATION CENTER PROCEDURE, PT 2, INCOMING MESSAGES		USA
COMPUTER SYSTEMS IN PERSONNEL ACCOUNTING		USA
CONTROLLER-COMPUTER PARTNERSHIP, THE		USFAA
COST REDUCTION - EVERYBODY'S JOB		USAF
DISCIPLINE - GIVING ORDERS		USN
DISCIPLINE - GIVING ORDERS (SPANISH)		USN
DISCIPLINE - REPRIMANDING		USN
DISCIPLINE - REPRIMANDING (SPANISH)		USN
*HOW TO ADDRESS A LETTER	FS	USPOST
HOW TO CONDUCT A MEETING		USA
INTERVIEWING PRINCIPLES AND TECHNIQUES		USN
MAIL DISTRIBUTION CLERK,THE		USPO
MAIL HANDLER, THE		USPO
MAN OR WOMAN FOR THE JOB, THE		USSBA
ONE BITE AT THE APPLE		USFSS
PRINCIPLES OF PAPERWORK MANAGEMENT		USN
PRINCIPLES OF PAPERWORK MANAGEMENT-MANAGING YOUR FORMS		USN
PRINCIPLES OF PAPERWORK MANAGEMENT--BETTER CORRESPONDENCE PRACTICES		USN
PRINCIPLES OF PAPERWORK MANAGEMENT--MANAGING YOUR REPORTS		USN
PRINCIPLES OF PAPERWORK MANAGEMENT--RECORDS DISPOSAL		USN
*ROADMAP TO LESS EFFORT - THE FLOW PROCESS CHART		USA
SUPPLY MANAGER'S DILEMMA, THE		USN

QUALITY CONTROL

AIR FORCE NON-DESTRUCTIVE TESTING		USAF
*DESIGN AND CONTROL OF CONCRETE MIXES		USFHWA
EVALUATION OF PLANT FACILITIES AND CAPABILITIES		USFSS
MAINTAINING QUALITY STANDARDS		USOE
MAINTAINING QUALITY STANDARDS (SPANISH)		USOE
*PACKAGING FOOD FOR YOU		USDA
QUALITY PROGRAMS AND INSPECTION SYSTEM REQUIREMENTS - QUALITY PROGRAM		USAF
QUARTERMASTER QUALITY CONTROL FOR GENERAL SUPPLIES AND PARTS		USA
*ROADMAP TO LESS EFFORT - THE FLOW PROCESS CHART		USA
SAUCE FOR THE GANDER		USN
*SMALL SAWMILL, THE		USDA
*STATISTICAL QUALITY CONTROL - PROCESS CONTROL		USN
*WHAT IS YOUR QA QUOTIENT?	SL	USFDA

SALESMANSHIP AND MARKETING

ADVERTISING QUESTION, THE	USSBA
*ALICE IN NUMBERLAND	USDA
*BEACON IN THE MARKET PLACE	USDA
*BUILDING FOOD SALES THROUGH BETTER MERCHANDISING	USDA
DEFENSE PROCUREMENT - FORMAL ADVERTISING	USA
*FARMER COOPERATION IN EUROPE	USDA
FOLLOW UP, THE	USSBA
*FOREIGN MARKETING NEWSREEL	USDA
*JANET AND THE GENIE	USDA
*MARKETING RESEARCH PAYS OFF	USDA
*MIRACLES FROM AGRICULTURE	USDA
ONE BITE AT THE APPLE	USFSS
*PLANT FOR THE FUTURE	USDA
*PRODUCTION CREDIT DOES THE JOB	USDA
STEP IN THE RIGHT DIRECTION, A	USSBA
*TARGET ZERO	USDA
*THIS IS LIVESTOCK POOLING	USDA
*TREE GROWS FOR CHRISTMAS, A	USDA
VARIATIONS ON A THEME	USSBA
*WORKING FOREST, A	USDA
*YOUR AUDIENCE, BLESS 'EM	USDA

SMALL BUSINESS

ADVERTISING QUESTION, THE	USSBA
*AGRICULTURE STORY, THE	USDA
*BIG GAMBLE, THE	USDA
BURGLARY IS YOUR BUSINESS	USSBA
*BUSINESS PLAN, THE - FOR SMALL BUSINESSMEN	USSBA
CALENDAR GAME, THE	USSBA
CONTINUITY OF REHABILITATION SERVICES	USSRS
*HEARTBEAT OF BUSINESS, THE	USSBA
IT CAN HAPPEN TO YOU	USSBA
IT'S YOUR MOVE	USSBA
JUNIOR ACHIEVEMENT	USA
*PLANT FOR THE FUTURE	USDA
*SEVENTH CHAIR, THE	USSBA
THEY'RE OUT TO GET YOU	USSBA
THREE TIMES THREE	USSBA
*WORKING FOREST, A	USDA
YOU AND YOUR CUSTOMERS	USSBA

SUPERVISION

AFLC ZERO DEFECTS STORY	USAF
*BETTER WAYS FOR DOING WORK - INTRODUCTION TO THE ARMY WORK SIMPLIFICATION PROGRAM	USA
*COUNTING WHAT COUNTS - WORK COUNTS	USA
*CREW BOSS	USDA
DEVELOPING COOPERATION	USN
DISCIPLINE - GIVING ORDERS	USN
DISCIPLINE - GIVING ORDERS (SPANISH)	USN
DISCIPLINE - REPRIMANDING	USN
DISCIPLINE - REPRIMANDING (SPANISH)	USN
EMPLOYING BLIND WORKERS IN INDUSTRY	USOE
EMPLOYING DISABLED WORKERS IN INDUSTRY	USOE
ESTABLISHING WORKING RELATIONS FOR THE DISABLED WORKER	USOE
EVERY MINUTE COUNTS	USOE
FIRST IMPRESSIONS	USN
FIRST IMPRESSIONS (SPANISH)	USN
*FOREMANSHIP TRAINING - A SERIES	USBM
HOW TO CONDUCT A MEETING	USA
IMPROVING THE JOB	USOE
INSTRUCTING THE BLIND WORKER ON THE JOB	USOE
INSTRUCTING THE DISABLED WORKER ON THE JOB	USOE

* INDICATES NEW ENTRY

BUSINESS AND ECONOMICS

SUPERVISION – *(Continued)*

INSTRUCTING THE WORKER ON THE JOB	USOE
INSTRUCTING THE WORKER ON THE JOB (SPANISH)	USOE
INTERVIEWING PRINCIPLES AND TECHNIQUES	USN
INTRODUCING THE NEW WORKER TO HIS JOB	USOE
•INVESTIGATION - A TOOL FOR ACCIDENT PREVENTION	USBM
LATER YEARS OF THE WOODLEYS, THE	USSRS
MAINTAINING GOOD WORKING CONDITIONS	USOE
MAINTAINING GOOD WORKING CONDITIONS (SPANISH)	USOE
MAINTAINING QUALITY STANDARDS	USOE
MAINTAINING QUALITY STANDARDS (SPANISH)	USOE
MAINTAINING WORKERS' INTEREST	USOE
MAINTAINING WORKERS' INTEREST (SPANISH)	USOE
NEW SUPERVISOR TAKES A LOOK AT HIS JOB, A	USOE
PERFORMANCE COUNSELING	USA
PERFORMANCE EVALUATION	USAF
PLACING THE RIGHT MAN ON THE JOB	USOE
PLACING THE RIGHT MAN ON THE JOB (SPANISH)	USOE
PLANNING AND LAYING OUT WORK	USOE
•POTENTIAL UNLIMITED	USDA
PRINCIPLES OF PAPERWORK MANAGEMENT--MOVING THE MAIL	USN
•SAFETY IN STRIP MINING	USBM
SAFETY IN THE SHOP	USOE
SAFETY IN THE SHOP (SPANISH)	USOE
•SELL SAFETY	USBM
•SET THE PACE	USBM
STATISTICAL SAMPLING - A MANAGEMENT TOOL	USFSS
SUPERVISING WOMEN WORKERS	USOE
SUPERVISING WORKERS ON THE JOB	USOE
SUPERVISING WORKERS ON THE JOB (SPANISH)	USOE
SUPERVISOR AS A LEADER, THE, PT 1	USOE
SUPERVISOR AS A LEADER, THE, PT 2	USOE
•SUPERVISORY TRAINING - A SERIES	USBM
•TEACH SAFETY	USBM
•TOWARD FULL INTEGRATION	USN
UNION STEWARD AND YOU, THE	USN
•WHO DOES WHAT TO WHAT - THE WORK DISTRIBUTION CHART	USA
WORKING WITH OTHER SUPERVISORS	USOE
WORKING WITH OTHER SUPERVISORS (SPANISH)	USOE

TECHNIQUE AND SYSTEM

AIR FORCE TECHNICAL ORDER SYSTEM, THE	USAF
•ALICE IN NUMBERLAND	USDA
•AT HOME WITH WOOD	USDA
•AUTOMATIC TELEPHONE CENTRAL OFFICES, PT 1, STRONGER-TYPE SWITCHING SYSTEMS	USA
•AUTOMATIC TELEPHONE CENTRAL OFFICES, PT 2, XY SWITCHING SYSTEMS	USA
•BUILDING THE FIRE LINE	USDA
•BUILDING THE FIRE LINE (SPANISH)	USDA
•COLOR FOR SAFETY	USBM
•CONVEYOR BELTS - BE CAREFUL	USBM
•COTTON - FIBER WITH A FUTURE	USDA
•COTTON WAREHOUSING	USDA
•COTTON WAREHOUSING (SPANISH)	USDA
•CREATIVITY	USDA
•EASIER WAY, AN	USDA
•EASIER WAYS OF LOGGING	USDA
•EASIER WAYS OF LOGGING (SPANISH)	USDA
•ELECTRICAL EQUIPMENT - MASTER OR SERVANT	USBM
ENGINEERED PERFORMANCE STANDARDS PROGRAM, THE	USN
ENGINEERING DOCUMENTATION FOR UNIFORM REQUIREMENTS	USA
•FACT FINDERS, THE	USDA
•FALL GUYS, THE	USBM
•FAMILY FOREST, THE	USDA
•FARMER COOPERATION IN EUROPE	USDA
•FIRE CONTROL SIMULATOR	USDA
•FIRE FIGHTING IN THE MINERAL INDUSTRY	USBM
•FIRE PLOW PERFORMANCE AND USE	USDA
FLOW PROCESS CHART AND HOW TO USE IT, THE	USOSRD
FLOW PROCESS CHART AND HOW TO USE IT, THE (SPANISH)	USOSRD
•HANDLING AND STORING APPLES IN PALLET BOXES	USDA
•HANDLING FRUITS AND VEGETABLE IN WHOLESALE WAREHOUSES	USDA
•HELICOPTERS IN FIRE CONTROL	USDA
•HOME ON THE RANGE	USDA
INTERVIEWING PRINCIPLES AND TECHNIQUES	USN
•LIFTING-A-WEIGHT AWAY	USPOST
•MAGIC OF FIRE, THE	USBM
MAINSTAY OF THE MAILS, THE	USPO
•MAINTAINING GOOD VOLTAGE ON RURAL DISTRIBUTION LINES	USDA
•MARK OF QUALITY	USDA
•MINE RESCUE CONTEST TRAINING	USBM
•MIRACLES FROM AGRICULTURE	USDA
•NEW NUMBERS, THE	USDA
•NEW USES FOR FARM PRODUCTS	USDA
•NINE OUT OT TEN	USDA
NOTHING FOR GRANTED	USN
•ONLY A BUNCH OF TOOLS	USDA
•OUR LAND - ITS MANY FACES	USDA
•PACKAGING FOOD FOR YOU	USDA
•PESTS OR PLENTY	USDA
•PHYSICAL SECURITY, PT 10 - IDENTIFICATION AND CONTROL	USA
•PIECE OF WOOD, A	USDA
PREPARE WITH CARE	USPO
•PRESCRIBED BURNING IN THE SOUTH	USDA
PRINCIPLES OF PAPERWORK MANAGEMENT	USN
PRINCIPLES OF PAPERWORK MANAGEMENT-MANAGING YOUR FORMS	USN
PRINCIPLES OF PAPERWORK MANAGEMENT--BETTER CORRESPONDENCE PRACTICES	USN
PRINCIPLES OF PAPERWORK MANAGEMENT--MANAGING YOUR REPORTS	USN
PRINCIPLES OF PAPERWORK MANAGEMENT--MOVING THE MAIL	USN
PRINCIPLES OF PAPERWORK MANAGEMENT--RECORDS DISPOSAL	USN

• INDICATES NEW ENTRY

*RAISINS YOU BUY, THE	USDA
*REA STORY, THE	USDA
*REALITIES OF RECYCLING, THE	USEPA
*RECYCLING	USEPA
RELIABILITY - ECONOMIC CONSIDERATIONS IN RELIABILITY	USN
RELIABILITY - ELEMENTS OF RELIABILITY PREDICTION	USN
RELIABILITY - FUNDAMENTAL CONCEPTS, PT 1	USN
RELIABILITY - FUNDAMENTAL CONCEPTS, PT 2	USN
RELIABILITY - PART AND PARCEL	USAF
RELIABILITY - RELIABILITY MONITORING	USN
RELIABILITY - RELIABILITY TESTING	USN
RELIABILITY - SPECIFICATIONS AND RELIABILITY ASSURANCE	USN
RELIABILITY - STATISTICAL CONCEPTS	USN
RELIABILITY - THE APPLICATION OF RELIABILITY DATA	USN
RELIABILITY ENGINEERING - RELIABILITY TESTING	USN
*ROOF BOLTING IN COAL MINES	USBM
*SANITARY LANDFILL - ONE PART EARTH TO FOUR PARTS REFUSE	USEPA
*SMALL SAWMILL, THE	USDA
*SOMETHING TO CROW ABOUT	USDA
STANDARDIZATION	USN
STANDARDIZATION - ENGINEERING PLANNING	USN
STATISTICAL DESIGN OF EXPERIMENTS, THE	USN
STEP IN THE RIGHT DIRECTION, A	USSBA
*STUFF WE THROW AWAY, THE	USEPA
*TARGET ZERO	USDA
*THAT THE BEST WILL BE OURS	USDA
THREE TIMES THREE	USSBA
*TREE IS BORN, A	USDA
*USE OF FIRE IN SLASH DISPOSAL	USDA
VALUE ENGINEERING - MORE SHIPS FOR LESS MONEY	USN
VEHICLE MAINTENANCE STORY, THE	USPO
*VOLUNTEER FIREMAN, THE	USDA
*WATERS OF COWEETA	USDA
*WHAT'S NEW IN SOLID WASTE MANAGEMENT	USEPA
*WILDLIFE AND TIMBER	USDA
ZIP CODE - THE SWING SIX	USPO

TRANSPORTATION

AIRLIFT FROM AMERICA	USAF
*AMONG YOUR SOUVENIRS	USDA
ANYTIME - ANYTHING - ANYPLACE	USAF
ARCTIC SHIPPING - MSTS ARCTIC OPERATIONS	USN
ARMY PACKAGE POWER REACTOR	USAEC
BEST INVESTMENT WE EVER MADE, THE	USFAA
*COTTON WAREHOUSING	USDA
*COTTON WAREHOUSING (SPANISH)	USDA
CRANE OPERATIONS - FLOATING CRANES	USN
*DANGERS ALONG HAULAGEWAYS	USBM
*DON'T BRING YOUR ENEMY HOME	USDA
DON'T GET STRANDED	USDOD
DRAFTS AND SLINGS	USA
ELECTRONIC ROUTE SYSTEM	USFHWA
*FIRE PLOW PERFORMANCE AND USE	USDA
*GENERAL AVIATION - FACT OR FICTION	USFAA
*HANDLING FRUITS AND VEGETABLE IN WHOLESALE WAREHOUSES	USDA
*HAULAGE SAFETY IN LOW-COAL MINES	USBM
HELICOPTER SPECIAL DELIVERY	USA
HIGHWAYS ARE FOR PEOPLE	USFHWA
LIGHT, VESSELS BEING TOWED	USN
*LOADING AND UNLOADING POLES	USA
LOADS & LOADING OF GENERAL TRANSPORT VEHICLES	USA
*MATERIAL HANDLING IN AAF DEPOTS	USAF
MATERIAL HANDLING PRINCIPLES IN TRANSPORTATION	USAF
MATERIALS HANDLING EQUIPMENT OPERATION - GANTRY TRUCK AND WAREHOUSE CRANES	USN
MILITARY SEA TRANSPORTATION SERVICE, THE INTRODUCTION	USN
MILITARY SEA TRANSPORTATION SERVICE, THE TROOP TRANSPORTATION	USN
*MILITARY STEVEDORING, PT 2 - SLINGS AND BRIDLES	USA
*NAVIGATION RETURNS TO THE ARKANSAS	USAE
*OPEN-PIT MINING HAZARDS	USBM
POINT CONTROL OF TRAFFIC	USA
*SAFETY IN STRIP MINING	USBM
SHIPBOARD HELICOPTER OPERATIONS - FUNCTIONS	USN
*SHUTTLE CAR OPERATOR	USBM
STRAPS AND TRANSPORTATION BRIDLES	USA
SUMMER MOVEMENTS IN THE ARCTIC	USA
TARGET - URBAN MOBILITY	USFHWA
TICKET THROUGH THE SOUND BARRIER	USNASA
TRANSPORTATION OF THE SICK AND WOUNDED	USA
TRANSPORTATION, U S A	USIA

CHEMISTRY

ANALYSIS

CAPITAL STORY	USOWIO
FIRST CHEMICAL SEPARATION OF LAWRENCIUM	USAEC

BIOCHEMISTRY

ASSESSMENT OF FAT DIGESTION	SL	USNMAC
*ISOLATION AND PRELIMINARY IDENTIFICATION OF CULTURES	FS	USNMAC
LIVING WITH RADIATION		USAEC
MODIFICATION OF RADIATION INJURY IN MICE		USAEC
*SIMPLIFIED SEROLOGIC IDENTIFICATION OF SALMONELLA CULTURES	FS	USNMAC

CHROMATOGRAPHY

ANTIGEN ANALYSIS BY CELLULOSE CHROMATOGRAPHY AND GEL DIFFUSION OF HYDATID FLUID	USPHS

CRYSTALLOGRAPHY

*ADDED SENSE, AN - THE DETECTION OF NUCLEAR RADIATION	USAEC
CHARACTERISTICS OF CRYSTALS	USAF
CRYSTAL STRUCTURES AT HIGH PRESSURES	USNBS
DIFFRACTOMETER CONTROL SYSTEM - A SYSTEM FOR EASY MAN-MACHINE COMMUNICATIONS	USNBS

* INDICATES NEW ENTRY

CHEMISTRY

CRYSTALLOGRAPHY – *(Continued)*

NEUTRON DIFFRACTION	USAEC
*RADIATION DETECTION BY SCINTILLATION	USAEC
X-RAY SPECTROSCOPY - THE INSIDE STORY	USNASA

INORGANIC CHEMISTRY

*EFFECTS OF CO ON HUMAN PERFORMANCE	USEPA
XENON TETRAFLUORIDE	USAEC

LABORATORY

*CHALLENGING CAREERS IN CHEMISTRY	USDA
XENON TETRAFLUORIDE	USAEC

METALLURGY

CURRENT METHODS IN PLUTONIUM FUEL FABRICATION	USAEC
FABRICATION OF RESEARCH REACTOR FUEL ELEMENTS	USAEC
FIFTH FUEL, THE	USAEC
JOURNAL OF PLUTONIUM, A	USAEC
MICRODEFORMATION OF URANIUM	USAEC
MIRACLE IN THE DESERT - THE STORY OF HANFORD	USAEC
NEUTRON IMAGE DETECTOR	USAEC
NOVEL METHODS OF FUEL FABRICATION	USAEC
PIQUA NUCLEAR POWER FACILITY, THE	USAEC
PLUTONIUM FUEL FABRICATION FOR MTR	USAEC
PLUTONIUM METAL PREPARATION	USAEC
PLUTONIUM RECYCLE	USAEC
PRINCIPLES OF THERMAL, FAST, AND BREEDER, REACTORS	USAEC
*PROTECTION AGAINST RADIOACTIVITY IN URANIUM MINES	USBM
REACTOR FUEL PROCESSING	USAEC
SHEAR-LEACH PROCESS FOR SPENT NUCLEAR FUELS	USAEC
TERNARY PHASE DIAGRAM	USAEC
THORIUM - U233 UTILIZATION	USAEC
TRIP STEEL	USAEC

ORGANIC CHEMISTRY

FLUE GAS ANALYSIS - ORSAT APPARATUS	USOE
OMRE FUEL ELEMENT REMOVAL AND SECOND CORE LOADING	USAEC
ORGANIC MODERATED REACTOR EXPERIMENT	USAEC

OXIDATION

*CARE AND USE OF A PERMISSIBLE FLAME SAFETY LAMP, THE	USBM
*INTRODUCTION TO FIRE BEHAVIOR	USDA
*INTRODUCTION TO FIRE BEHAVIOR (SPANISH)	USDA
OXIDASE TEST, THE	USNMAC

RADIATION

CRYSTAL STRUCTURES AT HIGH PRESSURES	USNBS
DIAGNOSIS AND THERAPY WITH RADIATION	USAEC
*FALLOUT AND AGRICULTURE	USDA
IONIZING RADIATION IN HUMANS	USAEC
LASER-MIRACLES WITH LIGHT	USA
*RADIATION DETECTION BY SCINTILLATION	USAEC
RADIATION EFFECTS IN CHEMISTRY	USAEC

REACTION

*FIRE IN THE FOREST	USDA
*INTRODUCTION TO FIRE BEHAVIOR	USDA
*INTRODUCTION TO FIRE BEHAVIOR (SPANISH)	USDA
PRINCIPLES OF THERMAL, FAST, AND BREEDER, REACTORS	USAEC
RADIATION EFFECTS IN CHEMISTRY	USAEC
XENON TETRAFLUORIDE	USAEC

TECHNIQUE AND EQUIPMENT

*AUTOMATION IN CLINICAL CHEMISTRY, PT 1, HOW IT WORKS	USN
*AUTOMATION IN CLINICAL CHEMISTRY, PT 2, ASSEMBLY AND OPERATION OF EQUIPMENT	USN
*CARE AND USE OF A PERMISSIBLE FLAME SAFETY LAMP, THE	USBM
*CHALLENGING CAREERS IN CHEMISTRY	USDA
LIQUID SCINTILLATION COUNTING	USAEC
METHOD FOR RAPID ELECTROPHORESIS	USNMAC
*PIECE OF WOOD, A	USDA

CIVICS AND GOVERNMENT

CITIZENSHIP

*AIR FORCE NOW, THE, NO. 07	USAF
*AT THIS VERY MOMENT	USN
LETTER FROM A MOTHER	USA
*MARINE CORPS JUNIOR ROTC	USN
OLD GLORY	USDOD
ONCE TO MAKE READY	USOCD
OUR TOWN IS OUR CLASSROOM	USA

CIVIL DEFENSE AND DISASTER

A + SCHOOL, THE	USOCD
ABC WARFARE DEFENSE ASHORE - BIOLOGICAL WARFARE DECONTAMINATION - INTERIORS	USN
ABC WARFARE DEFENSE ASHORE - BIOLOGICAL WARFARE DECONTAMINATION - PERSONAL EQUIPMENT	USN
ABC WARFARE DEFENSE ASHORE - BIOLOGICAL WARFARE DECONTAMINATION - PERSONNEL	USN
ABC WARFARE DEFENSE ASHORE - BIOLOGICAL AND CHEMICAL DECONTAMINATION - EXTERIORS	USN
ABC WARFARE DEFENSE ASHORE - CHEMICAL WARFARE DECONTAMINATION - PERSONNEL	USN
ABC WARFARE DEFENSE ASHORE - DETECTION OF CONTAMINATED AREAS IN BIOLOGICAL AND ...	USN
ABC WARFARE DEFENSE ASHORE - PROTECTIVE CLOTHING FOR DECONTAMINATION PERSONNEL	USN
ABC WARFARE DEFENSE ASHORE - RESCUE OPERATIONS, LIFTING DEVICES, SHORING	USN
ABC WARFARE DEFENSE ASHORE - RESCUE OPERATIONS, RIGGING, BREACHING WALLS, TUNNELING	USN
*AIR FORCE NOW, THE, NO. 06	USAF
*AIR FORCE NOW, THE, NO. 13	USAF
AIRLIFT FROM AMERICA	USAF
ALASKAN CENTENNIAL	USA
APOLLO RECOVERY	USNASA
*BLOCK THAT TERMITE	USDA
*BLUE TONGUE	USDA
*BURNING ISSUE	USDA

* INDICATES NEW ENTRY

CD EMERGENCY PREPAREDNESS AT THE MARSHALL SPACE FLIGHT CENTER	USOCD
*CERTAIN DISTANCE, A	USDA
CUMMINGS CITY - MILITARY ASSISTANCE IN CIVIL DISASTER	USDOD
DATELINE ALASKA	USDOD
DAY IN MARCH, A	USIA
DAY THAT MADE A DIFFERENCE, THE	USOCD
DISASTER AID - PUBLIC HEALTH ASPECTS	USNMAC
DISASTER FEEDING	USA
*DUST IS DYING, THE	USDA
*EARTHQUAKE	USOCD
*EARTHQUAKE	USDCPA
*EASTERN WHITE PINE	USDA
*EMERGENCY INVESTIGATION OF COAL WASTE EMBANKMENTS	USBM
*ENVIRONMENT FOR EDUCATION	USDCPA
*ERADICATING THE KHAPRA BEETLE	USDA
*ETERNAL FOREST, THE	USDA
EXTRA DIVIDENDS	USAE
*EXTRA FOREST DOLLARS	USDA
FACE OF DISASTER, THE	USOCD
*FALLOUT AND AGRICULTURE	USDA
FIVE DAYS OF BETSY, THE	USOCD
*FRIENDLY WATERS	USDA
*FROM THE RIDGE TO THE RIVER	USDA
*HELICOPTER MANAGEMENT	USDA
*HELICOPTER MANAGEMENT (SPANISH)	USDA
*HERITAGE RESTORED	USDA
HURRICANE CALLED BETSY, A	USOCD
HURRICANE CIRCUIT	USDS
HURRICANE HUNTERS	USN
HURRICANE HUNTERS	USN
IN CARLA'S WAKE	USAE
IN TIME OF EMERGENCY	USDOD
IT HAPPENED IN TEXAS (HURRICANE BEULAH '67)	USOCD
*LADY CALLED CAMILLE, A	USOCD
*LADY CALLED CAMILLE, A (SPANISH)	USOCD
*LAND CHANGES, THE	USDA
LEVEES ON THE LOWER MISSISSIPPI	USAE
*MAN AGAINST FIRE	USDA
*MAN AGAINST FIRE (SPANISH)	USDA
*MAN IN GREEN, THE	USDA
MEMORANDUM ON SECURITY	USDOD
MEMORANDUM TO INDUSTRY	USOCD
MUTUAL AID - THE 'US' IN INDUSTRY	USOCD
*MYSTERY AT SMOKY HOLLOW	USDA
NIGHT ON JACKRABBIT MESA, A	USAF
*NINETEEN HUNDRED FIFTY-FIVE ERUPTION OF KILAUEA VOLCANO, HAWAII	USGS
OCCUPYING A PUBLIC SHELTER	USOCD
ONCE TO MAKE READY	USOCD
ONE WEEK IN OCTOBER	USOCD
OPERATION CUE (REVISED)	USOCD
OPERATION NOAH	USA
OTHER SIDE OF THE RIVER, THE	USAE
*PAMELA'S TREE	USDA
PANCHO	USOEO
*PEOPLE AND APOLLO, THE	USDCPA
PLAN FOR PROTECTION	USAE
*PLAN FOR SURVIVAL	USBM
PORT PREPAREDNESS	USOCD
PROTECTED SCHOOL, THE	USOCD
*RESPONSE TO DISASTER	USAE
RESTLESS RIVER	USAE
*RINDERPEST	USDA
RIVER, THE	USDA
*ROUNDUP	USDA
*ROUNDUP (SPANISH)	USDA
*RURAL HOLIDAYS	USDA
RX FOR A RIVER	USAE
*SAFEST PLACE, THE	USDA
*SAFEST PLACE, THE (SPANISH)	USDA
SHACKLES FOR THE GIANT	USAE
SLANTING	USOCD
*SMOKEJUMPERS	USDA
SPOTLIGHT ON RECOVERY	USFAA
SPUR DIKES	USFHWA
*STAMP OUT HOG CHOLERA	USDA
*STAMP OUT HOG CHOLERA (SPANISH)	USDA
STORY OF THE GREAT LAKES	USCG
*THERE COMES A TOMORROW	USDA
*THINK LIKE A MOUNTAIN	USDA
THOUGH THE EARTH BE MOVED, THE ALASKAN EARTHQUAKE	USOCD
THOUSAND-MILE MIRACLE	USAE
TIME BOMB IN THE RIVER	USAE
TORONADO	USESSA
TOWN OF THE TIMES	USOCD
VALLEY OF THE TENNESSEE	USOWIO
*VESICULAR EXANTHEMA	USDA
*WANTED - PLANT PEST DETECTIVES	USDA
*WANTED--PLANT PEST DETECTIVES (SPANISH)	USDA
*WATCH OUT FOR WITCHWEED	USDA
*WATER FOR FARM AND CITY	USDA
*WATERSHED WILDFIRE	USDA
*WEATHERPROOFING BACA COUNTY	USDA
*WHO SHALL REAP	USDA
*WHO SHALL REAP (SPANISH)	USDA
WOOD PRESERVATION - CONTROL OF WOOD DESTROYING ORGANISMS	USN
*YOUR WAY OUT	USDA

CIVIL RIGHTS

*AT THIS VERY MOMENT		USN
*BROTHER		USFAA
*GET IT ALL TOGETHER		USSRS
*HOW DISCRIMINATION COMPLAINTS ARE PROCESSED	SL	USCSC
JOB APPEAL		USNMAC
*NINE FROM LITTLE ROCK		USIA
*TEDDY		USNIMH

COMMUNISM

CASE OF COMRADE 'T', THE	USDOD
CHALLENGE OF IDEAS, THE	USDOD
COMMUNISM	USDOD
*COMMUNISM	USDOD
COMMUNIST BLUEPRINT FOR CONQUEST	USDOD
COMMUNIST EUROPE	USDOD
COMMUNIST TARGET - YOUTH	USDOD
COMMUNIST WEAPON OF ALLURE, THE	USDOD
FREEDOM AND YOU	USDOD
*FROM WHERE I SIT	USDS
RED NIGHTMARE	USDOD
REVOLT OF A GENERATION	USIA
ROAD TO THE WALL	USA
THIRD CHALLENGE, THE	USDOD

DEFENSE SYSTEM

ABERDEEN PROVING GROUND	USA
AERIAL TOUR OF WHITE SANDS MISSILE RANGE	USA
AEROSPACE POWER	USAF
AFLC ZERO DEFECTS STORY	USAF
AIR FORCE MISSILE MISSION, THE	USAF
AIR FORCE NOW, THE	USAF
*AIR FORCE NOW, THE, NO. 05	USAF

CIVICS AND GOVERNMENT

DEFENSE SYSTEM – *(Continued)*

*AIR FORCE NOW, THE, NO 06	USAF
*AIR FORCE NOW, THE, NO 17	USAF
AIR FORCE RESERVE - READY NOW	USAF
AIR FORCE ROTC COMES OF AGE	USAF
AIR FORCE STORY, THE - A NEW AIR FORCE, 1945-1947	USAF
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*SOME OF OUR VOICES	USIA
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*WISHES, LIES AND DREAMS - KENNETH KOCH TEACHING CHILDREN TO WRITE POETRY	USNEA

CAREERS

ADVENTURES IN INNER SPACE	USN
*AGRICULTURAL ENGINEERING - THE PROFESSION WITH A FUTURE	USDA
*AIDES MAKE THE DIFFERENCE	USDHEW
AIR FORCE NOW, THE	USAF
*AIR FORCE NOW, THE, NO. 07	USAF
*AIR FORCE NOW, THE, NO. 17	USAF
*AIR FORCE NOW, THE, SCRAPBOOK, NO. 9	USAF
AIR FORCE NURSE, THE - A REPORT OF THE PROFESSION	USAF
AIR FORCE ROTC COMES OF AGE	USAF
AIR FORCE STORY, THE - THE AIR FORCE ACADEMY (VOL 2, CHAP 7)	USAF
AIR TRAFFIC CONTROL PROCEDURES	USAF
AIR UNIVERSITY, THE	USAF
AIRPLANE MECHANIC, THE	USOE
APPRENTICE TRAINING	USIA
ARCHITECTS OF PEACE	USDOD
BENEATH NAVY WINGS	USN
BOB CUMMINGS VISITS THE AIR FORCE ACADEMY WITH HIS SON BOB CUMMINGS, JR	USAF
*BREAKTHROUGH	USDA
BRING ME MEN	USAF
*BROTHER	USFAA
CADET HONOR CODE, THE	USAF
CADET WINGS IN CIVIL AIR PATROL	USAF
CAREER DEVELOPMENT	USOE
*CAREER EDUCATION	USOE
CAREERS IN OCEANOGRAPHY	USN
*CHALLENGING CAREERS IN CHEMISTRY	USDA
CHANCE TO BE SOMEBODY, A	USOEO
CITY LETTER CARRIER	USPO
*CODE BLUE	USBHME
COME SAIL WITH ME	USN
COMMAND MODULE, THE	USNASA
CUP O' JOE, A	USN
DAY WITHOUT END - DUTIES OF A CIVIL DEFENSE DIRECTOR	USOCD
DAY'S WORK OF A NAVIGATOR AT SEA	USN
DAY'S WORK OF A NAVIGATOR IN PILOT WATERS	USN
DECISION FOR LEADERSHIP	USAF
*DENTAL PRACTICE MANAGEMENT	USNMAC
DESTROYERMEN	USN
EDUCATIONAL OPPORTUNITIES IN THE U S MARINE CORPS	USMC
FIRST IN COMMAND - THE NAVY SKIPPER	USN
*FOREST SERVICE ENGINEER, THE	USDA
FUNCTIONAL TEACHING IN ELECTRICITY AND ELECTRONICS	USN
GOOD PLACE TO START, A	USCSC
*GREAT EXPECTATIONS	USSRS
HORIZONS UNLIMITED, PT 1	USAEC
*HOUSEHOLD APPLIANCE REPAIRMAN	USDLMP
HOW ABOUT BILLY WILSON?	USFAA
HOW TO OBSERVE NURSING ACTIVITIES, PT 1	USNMAC
*HOW TO OBSERVE NURSING ACTIVITIES, PT 2	USNMAC
*HOW TO SUCCEED WITHOUT REALLY FLYING	USFAA
I HEAR THE CARPENTER SINGING	USIA
*INDIAN TO INDIAN	USDL
IT'S YOU AGAINST THE PROBLEM	USNASA
*JOB STORY	USDL
*JUNIOR COLLEGE FOR TECHNICAL TRADES	USDS
*LABOR OF LOVE	USIA
LANDBASED HELICOPTER OPERATIONS - FUNCTIONS	USN
*LOST AND FOUND	USDL
MAIL DISTRIBUTION CLERK,THE	USPO
MAIL HANDLER, THE	USPO
*MAN IN GREEN, THE	USDA
NAVY METEOROLOGY FOR COLLEGE GRADUATES	USN
NEVER AMONG STRANGERS	USMC
NEW JOB, THE	USIA
NOW SCENE, THE	USAF
*NURSING SCENE, THE	USNIMH
NURSING SERVICE IN THE NAVY - THE WARD NURSE	USN
*OCS - OFFICER CANDIDATE SCHOOL	USN
OF WINGS AND WOMEN	USAF
*OPPORTUNITIES IN HOTELS AND MOTELS	USDL
*OUT FROM THE CROWD	USN
PATH TO WINGS, A - THE AIR FORCE ROTC FLIGHT INSTRUCTION PROGRAM	USAF
PREPARING FOR TOMORROW'S WORLD	USAEC
RADIO MAN FIGHT, THE	USN
*RAINBOW VALLEY - THE STORY OF A FOREST RANGER	USDA
RANGER	USA
*SECTOR BOSS	USDA
SERVING FOOD	USNMAC
SERVING FOOD (SPANISH)	USNMAC
*SKILLS FOR PROGRESS	USDL
*START OF SOMETHING SPECIAL, THE	USN
*STRIDER...A FILM	USN
STUDENT ENGINEER	USIA
STUDENT TEACHER	USIA
TAKE THAT FIRST STEP	USNMAC
TEACHERS AIDES - A NEW OPPORTUNITY	USOEO
*TODAY AND TOMORROW	USVA
UNIVERSE ON A SCRATCHPAD	USNASA
VETERAN BECOMES A FARMER, THE	USOE
*VETERINARIAN, USDA	USDA
VOLUNTEERS FOR HEAD START	USOEO
WEAPONEERS OF THE DEEP	USN

EDUCATION

CAREERS – *(Continued)*

WHERE HAVE ALL THE STUDENTS GONE		USIA
*WHERE I WANT TO BE - THE STORY OF A WOMAN DENTIST		USDDH
WORKING THROUGH COLLEGE		USA
YOUR PLACE IN THE NUCLEAR AGE		USAEC

COUNSELING

*AIDES MAKE THE DIFFERENCE		USDHEW
*BRIAN AT SEVENTEEN		USNIMH
*JORDON PAUL - ONE TEACHER'S APPROACH		USNIMH
*LOST AND FOUND		USDL
*MR EDLER'S CLASS - DRUG EDUCATION AT THE ELEMENTARY LEVEL		USNIMH
PERFORMANCE COUNSELING		USA
*PRINCIPLES OF COUNSELING	RT	USNIMH

CURRICULUM

AIR UNIVERSITY, THE		USAF
ATOMS FOR THE AMERICAS		USAEC
BIOLOGY PLUS		USOE
*MONTESSORI		USBEH
ORGANIZING FREE PLAY		USOEO
*START OF SOMETHING SPECIAL, THE		USN

EARLY CHILDHOOD

HEAD START TO CONFIDENCE		USOEO
*HOW TO ADDRESS A LETTER	FS	USPOST
INDIVIDUAL SPEECH		USBEH
*LEARNING TO LEARN IN INFANCY		USDHEW
ORGANIZING FREE PLAY		USOEO
PARENTS ARE TEACHERS TOO		USOEO
PATTERNS FOR HEALTH		USOEO
PREFACE TO A LIFE		USNMAC
TALKING TOGETHER		USOEO
TEACHERS AIDES - A NEW OPPORTUNITY		USOEO

EDUCATIONAL INSTITUTIONS

*AIR FORCE NOW, THE, SCRAPBOOK, NO 9		USAF
AIR FORCE STORY, THE - THE AIR FORCE ACADEMY (VOL 2, CHAP 7)		USAF
AIR UNIVERSITY, THE		USAF
*BEGINNING, THE - THE RECRUIT		USMC
BEYOND SILENCE		USIA
BOB CUMMINGS VISITS THE AIR FORCE ACADEMY WITH HIS SON BOB CUMMINGS, JR		USAF
BRIDGE TO TOMORROW		USIA
BRING ME MEN		USAF
CAPUCHINO STORY, THE		USOE
CENTERS OF LEARNING		USIA
COLLEGE OF AFRICAN WILDLIFE		USIA
COMPANY OF SCHOLARS, A		USIA
ELEMENTARY EDUCATION		USBEH
ENGLISH HIGH SCHOOL, AN		USBEH
*ENVIRONMENT FOR EDUCATION		USDCPA
*ENVIRONMENTAL SCHOOL, THE		USDA
*FOREST IN A MUSEUM		USDA
FREEDOM TO LEARN		USOWIO
HAIL, ALMA MATER		USA
HARVEST OF LEARNING		USIA
*HELPING TEACHERS TO UNDERSTAND CHILDREN, PT 1		USIA
*HELPING TEACHERS TO UNDERSTAND CHILDREN, PT 2		USIA
INDIVIDUAL SPEECH		USBEH
*ISLANDS OF GREEN		USDA
*JUNIOR COLLEGE FOR TECHNICAL TRADES		USDS
*LIGHT FOR DEBRA, A		USBEH
*LOST AND FOUND		USDL
MEDICAL SCHOOL AND THE COMMUNITY, THE - HOW ARE THEY RELATED		USNMAC
MUSEUM OF SCIENCE AND INDUSTRY, THE		USDS
MUSEUMS FOR SCHOOL CHILDREN		USA
*NATIONAL ARBORETUM, THE		USDA
*OCS - OFFICER CANDIDATE SCHOOL		USN
PARENT EDUCATION AT HEIDELBERG		USBEH
PARTIALLY HEARING, THE		USBEH
PREPARATION OF TEACHERS		USDS
*RADIATION EFFECTS ON FARM ANIMALS		USDA
RETURN TO HOLYOKE		USN
SMALL TOWN LIBRARY		USA
*SOUND DISCRIMINATION OF HEARING IMPAIRED		USBEH
SOUND PERCEPTION METHOD, THE		USBEH
*START OF SOMETHING SPECIAL, THE		USN
*STRIDER...A FILM		USN
THREE CHEERS ON A JUNE DAY		USN
*TO SEEK, TO TEACH, TO HEAL		USNIH
U S NAVAL OBSERVATORY		USN
UNIVERSE ON A SCRATCHPAD		USNASA
VOLUNTEERS FOR HEAD START		USOEO
WAY OUT OF THE WILDERNESS, A		USNMAC
WEST POINT - THE MAKING OF A LEADER		USIA
WINTERTHUR - ADVENTURE IN THE PAST		USIA
WORLD IN A SCHOOLROOM		USA
WORLD WAR I OVERSEAS FLIERS REUNION		USAF

INSTRUCTIONAL TECHNIQUES

*ACOUSTICS OF THE CLASSROOM		USBEH
ADULT AS ENABLER, THE		USOE
AUDITORY ASSESSMENT		USBEH
*AUDITORY TRAINING DISCRIMINATION	MC	USBEH
*AUDITORY TRAINING RHYTHM	MC	USBEH
CAPUCHINO STORY, THE		USOE
CASE METHOD OF INSTRUCTION, THE, PT 1		USA
CASE METHOD OF INSTRUCTION, THE, PT 2		USA
CASE METHOD OF INSTRUCTION, THE, PT 3		USA
CHANCE TO BE SOMEBODY, A		USOEO
*CHART STORY, A	MC	USBEH
COMMUNICATION THEORY AND THE NEW EDUCATIONAL MEDIA--A SERIES		USOE
*CONSERVATION VISTAS		USDA
DESIGN FOR GROWING		USIA
*DIAGNOSIS TECHNIQUES	MC	USBEH
*DIAGNOSTIC TECHNIQUES		USBEH
*DURATION - 1		USBEH
*DURATION - 2		USBEH
*DURATION - 3		USBEH
*EDUCATIONAL DIAGNOSIS		USBEH
*EDUCATIONAL DIAGNOSIS	MC	USBEH
*EDUCATIONAL TECHNOLOGY	MC	USBEH
*EDUCATIONAL TECHNOLOGY		USBEH
EIGHT-MM FILM, THE - ITS EMERGING ROLE IN EDUCATION		USOE
EIGHTH GRADE MATHEMATICS		USOE
*ENVIRONMENTAL SCHOOL, THE		USDA
FIFTH GRADE GEOGRAPHY		USOE
*FILM TACTICS		USN
FIRST GRADE READING		USOE

INSTRUCTIONAL TECHNIQUES – *(Continued)*

FIRST GRADE READING (SPANISH)		USOE
FOURTH GRADE VOCABULARY		USOE
FOURTH GRADE VOCABULARY (SPANISH)		USOE
FUNCTIONAL TEACHING IN ELECTRICITY AND ELECTRONICS		USN
*GENERAL SPEECH PATTERNS1		USBEH
*GENERAL SPEECH PATTERNS2		USBEH
HOME-SCHOOL INTER ACTION		USOE
*HOW TO OPERATE THE ARMY 16MM PROJECTOR SET		USA
IN THE NATIONAL INTEREST		USOE
INSTRUCTIONAL TELEVISION AT PENNSYLVANIA STATE UNIVERSITY		USOE
*INTRODUCTION - 1		USBEH
*INTRODUCTION - 2, PT 1		USBEH
*INTRODUCTION - 2, PT 2		USBEH
*INTRODUCTION - 2, PT 3		USBEH
*IT WON'T BE EASY		USOEO
*LEARNING TO LEARN IN INFANCY		USDHEW
*LEARNING TO SPEAK, PT 1		USDHEW
*LEARNING TO SPEAK, PT 2		USBEH
LIGHT FROM A BLACK BOX		USOE
*LOUDNESS - 1		USBEH
*LOUDNESS - 2		USBEH
*LOUDNESS - 3		USBEH
MATHEMATICS - UNENDING SEARCH FOR EXCELLENCE		USOE
*MICROPHONE TECHNIQUES	MC	USBEH
NEW EYES AND NEW EARS		USA
OPERATIONS WITH WHOLE NUMBERS		USOE
ORGANIZING FREE PLAY		USOEO
PARENT EDUCATION		USBEH
PARENT EDUCATION AT HEIDELBERG		USBEH
PARENTS ARE TEACHERS TOO		USOEO
*PITCH - 1		USBEH
*PITCH - 2		USBEH
*PITCH - 3		USBEH
*PITCH - 4		USBEH
*PITCH - 5		USBEH
POINT OF VIEW		USOE
PRACTICING MATHEMATICAL SKILLS		USOE
PREPARATION OF TEACHERS		USDS
*PRESCHOOL LESSON IN CUED SPEECH, A		USBEH
*PRESCHOOL LESSON IN CUED SPEECH, A	MC	USBEH
PRINCIPLES OF LEARNING		USA
PROBING MIND		USOE
*PROBLEMS IN ACADEMIC TASK PERFORMANCE, PT 1		USOE
*PROBLEMS IN SELF-HELP TASK PERFORMANCE, PT 2		USOE
PROCESS OF COMMUNICATION, THE		USOE
PROCESS OF COMMUNICATION, THE (SPANISH)		USOE
PROGRAMMED INSTRUCTION - THE DEVELOPMENT PROCESS		USOE
PROGRAMMED INSTRUCTION - THE DEVELOPMENT PROCESS (SPANISH)		USOE
PROGRAMMED INSTRUCTION - THE TEACHER'S ROLE-A SERIES		USOE
PROGRAMMED INSTRUCTION - THE TEACHER'S ROLE-A SERIES (SPANISH)		USOE
PROGRAMMED LEARNING IN THE UNITED STATES AIR FORCE		USAF
*PROJECT SPOT--A SERIES		USBEH
SCIENCE THROUGH DISCOVERY		USOE
*SH - 01		USBEH
*SH - 02		USBEH
*SH - 03, PT 01		USBEH
*SH - 03, PT 02		USBEH
*SH - 03, PT 03		USBEH
*SH - 04		USBEH
*SH - 05		USBEH
*SH - 06		USBEH
*SH - 07		USBEH
*SH - 08		USBEH
*SH - 09		USBEH
*SH - 10		USBEH
SOLVING VERBAL PROBLEMS IN MATHEMATICS		USOE
SOME GLIMPSES OF ANTHONY		USOE
SOUND PERCEPTION METHOD, THE		USBEH
SPACE TO GROW, A		USOEO
*SPEECH KIT - 1		USBEH
*SPEECH KIT - 2		USBEH
*SPEECH KIT - 3		USBEH
SPEECH TECHNIQUES		USA
STAGES OF INSTRUCTION, THE - APPLICATION, EXAMINATION, AND REVIEW OR CRITIQUE		USA
STAGES OF INSTRUCTION, THE - PREPARATION		USA
STAGES OF INSTRUCTION, THE - PRESENTATION		USA
*STORY-TELLING		USBEH
*STORY-TELLING	MC	USBEH
TALKING TOGETHER		USOEO
TEACHER AND TECHNOLOGY, THE		USOE
*TEACHER TALKS TO ME	MC	USBEH
TEACHER-DIRECTED TELEVISION INSTRUCTION		USOE
TEACHING BOX, THE		USIA
TEACHING BY GUIDED DISCUSSION		USAF
TEACHING MACHINES AND PROGRAMMED LEARNING		USOE
TEACHING MACHINES AND SIDNEY PRESSEY		USOE
*TEAM ANALYSIS AND PLANNING		USOE
*TEAMS FOR LEARNING		USOE
*TEAMS FOR LEARNING--A SERIES		USOE
*TECHNIQUES OF SPEECH CORRECTION		USBEH
*TECHNIQUES OF SPEECH CORRECTION	MC	USBEH
TELEVISION, A TEACHING ASSISTANCE, PRESENTING PATTERNS OF INTER-INSTITUTIONAL AND...		USOE
*THAT JOB INTERVIEW		USDL
THIRD GRADE SCIENCE		USOE
THIRD GRADE SCIENCE (SPANISH)		USOE
TO SPEAK WITH FRIENDS		USOE
TRAINING AIDS		USA
TRAINING AIDS - CLASSROOM UTILIZATION		USN
TRAINING AIDS - SELECTION AND PLANNING		USN
USE OF THE PROBLEM IN TEACHING		USAF
USING VISUAL AIDS IN TRAINING		USOE
*VARIOUS PERCEPTIONS OF AUXILIARIES AT WORK		USOE
*WISHES, LIES AND DREAMS - KENNETH KOCH TEACHING CHILDREN TO WRITE POETRY		USNEA
WORLD IN A SCHOOLROOM		USA
*YOU ARE WELCOME - 1		USBEH
*YOU ARE WELCOME - 2		USBEH
*YOU ARE WELCOME - 3		USBEH
*YOU ARE WELCOME - 4		USBEH
*YOU ARE WELCOME - 5		USBEH
*YOU ARE WELCOME - 6		USBEH

LEARNING AND COGNITION

*LEARNING TO LEARN IN INFANCY	USDHEW
PARENTS ARE TEACHERS TOO	USOEO
PERCEPTION AND COMMUNICATION	USOE

* INDICATES NEW ENTRY

EDUCATION

LEARNING AND COGNITION — *(Continued)*

PRINCIPLES OF LEARNING		USA
TALKING TOGETHER		USOEO
*WHAT IS TEACHING - WHAT IS LEARNING		USNIMH

LIBRARY SCIENCE

AIR FORCE TECHNICAL ORDER SYSTEM, THE		USAF
*AUDIO AID ON OSHA RECORDKEEPING, AN	RT	USOSHA
ERIC - SERIES	FS	USFDA
ERIC ADVANCED TRAINING PROGRAM	FS	USFDA
FOR ALL THE PEOPLE - THE HARRY S TRUMAN LIBRARY		USNLT
*GREATEST TREASURE, THE		USIA
INTRODUCTION TO ERIC	FS	USOE
LIBRARIES WITHOUT BARS		USA
MEDLARS		USNMAC
NATIONAL LIBRARY OF MEDICINE		USNMAC
NEW EYES AND NEW EARS		USA
SMALL TOWN LIBRARY		USA

MASS MEDIA

BOOKS FOR EVERYONE		USA
BOOKS FOR EVERYONE		USIA
COMMUNICATION CONFERENCE		USOE
COMMUNICATION THEORY AND THE NEW EDUCATIONAL MEDIA--A SERIES		USOE
COMMUNICATIONS REVOLUTION, THE		USOE
*CREATIVITY		USDA
*DR. DIAL - A GROUP	RT	USDH
*DR. DIAL - A GROUP		USDH
EIGHT-MM FILM, THE - ITS EMERGING ROLE IN EDUCATION		USOE
FREEDOM OF THE PRESS		USA
FREEDOM TO LEARN		USOWIO
INDEPENDENT COMMERCIAL RADIO STATION		USDA
INFORMATION EXPLOSION, THE		USOE
INSTRUCTIONAL TELEVISION AT PENNSYLVANIA STATE UNIVERSITY		USOE
MATHEMATICS - UNENDING SEARCH FOR EXCELLENCE		USOE
*NEWS STORY, A		USNIMH
ORIGINS OF THE MOTION PICTURE		USN
PERCEPTION AND COMMUNICATION		USOE
PROBING MIND		USOE
PROCESS OF COMMUNICATION, THE		USOE
PROCESS OF COMMUNICATION, THE (SPANISH)		USOE
SMALL TOWN EDITOR		USIA
TEACHER-DIRECTED TELEVISION INSTRUCTION		USOE
TELEVISION, A TEACHING ASSISTANCE, PRESENTING PATTERNS OF INTER-INSTITUTIONAL AND...		USOE
TO SPEAK WITH FRIENDS		USOE
TRAINING AIDS		USA
TRAINING AIDS - CLASSROOM UTILIZATION		USN
TRAINING AIDS - SELECTION AND PLANNING		USN
*WINTERS EXPRESS		USIA

MATHEMATICS

DESCRIPTIVE GEOMETRY - FINDING THE LINE OF INTERSECTION OF TWO SOLIDS		USN
DIGITAL COMPUTER TECHNIQUE - COMPUTER LOGIC		USN
DIGITAL COMPUTER TECHNIQUE - COMPUTER LOGIC SYMBOLOGY		USN
DIGITAL COMPUTER TECHNIQUE - COMPUTER UNITS		USN
EIGHTH GRADE MATHEMATICS		USOE
*FACT FINDERS, THE		USDA
INTRODUCTION TO VECTORS - COPLANAR CONCURRENT FORCES		USOE
MATHEMATICS - UNENDING SEARCH FOR EXCELLENCE		USOE
MATHEMATICS THROUGH DISCOVERY		USOE
MODERN GEODETIC SURVEYING		USN
OPERATIONS WITH WHOLE NUMBERS		USOE
PERIODIC FUNCTIONS		USN
POWERS OF TEN - DECIMAL CONVERSION AND MULTIPLICATION		USAF
POWERS OF TEN - DIVISION AND PREFIXES		USAF
PRACTICING MATHEMATICAL SKILLS		USOE
PRINCIPLE OF MOMENTS		USOE
RECTANGULAR COORDINATES		USN
RESPONSE TO MECHANICAL SHOCK		USAEC
SIMPLE EQUATIONS		USAF
SIMPLE EQUATIONS - FRACTIONS		USAF
SLIDE RULE, THE - 'C' AND 'D' SCALES		USOE
SLIDE RULE, THE - PROPORTION, PERCENTAGE, SQUARES, AND SQUARE ROOTS		USOE
SOLVING VERBAL PROBLEMS IN MATHEMATICS		USOE
U S NAVAL OBSERVATORY		USN
USING A MATHEMATICS LABORATORY APPROACH		UCOE
USING DIAGNOSIS IN A MATHEMATICS CLASSROOM		USOE
VECTORS		USN

PSYCHOLOGY

FOUR CHILDREN		USOEO

SPECIAL EDUCATION

*AUDITORY FEEDBACK	MC	USBEH
*AUDITORY TRAINING DISCRIMINATION	MC	USBEH
*AUDITORY TRAINING RHYTHM	MC	USBEH
*CHART STORY, A	MC	USBEH
*COGNITIVE DEVELOPMENT		USBEH
*COGNITIVE DEVELOPMENT	MC	USBEH
*COLLEGE CLASS, A - SIMULTANEOUS COMMUNICATION		USBEH
*COLLEGE CLASS, A - SIMULTANEOUS COMMUNICATION	MC	USBEH
*COLORS - 1		USBEH
*COLORS - 2		USBEH
*COLORS - 3		USBEH
*COLORS - 4		USBEH
CONNECTICUT, THE TURNING POINT		USIA
DEAF-BLIND, THE		USBEH
*DEVELOPING IMAGINATION	MC	USBEH
*DEVELOPMENTAL AUDITORY RESPONSE PATTERNS, PTS 1 AND 2		USBEH
*EDUCATIONAL DIAGNOSIS	MC	USBEH
*EDUCATIONAL DIAGNOSIS		USBEH
*EDUCATIONAL TECHNOLOGY		USBEH
*EDUCATIONAL TECHNOLOGY	MC	USBEH
*EXPANDING LANGUAGE	MC	USBEH
FOUNDATION FOR GROWTH		USBEH
*GENERALIZATION OF INFORMATION	MC	USBEH
*I WANNA KNOW	MC	USBEH

* INDICATES NEW ENTRY

SPECIAL EDUCATION – *(Continued)*

●INCIDENTAL CORRECTION OF SPEECH	MC	USBEH
●LEARNING TO SPEAK, PT 1		USDHEW
●LEARNING TO SPEAK, PT 2		USBEH
●LIGHT FOR DEBRA, A		USBEH
LIGHT FROM A BLACK BOX		USOE
●LINGUISTIC ANALYSIS	MC	USBEH
●MONTESSORI		USBEH
MY CHILD IS BLIND		USA
PARENT EDUCATION AT HEIDELBERG		USBEH
●PARENTS EDUCATION PROGRAMS		USDHEW
●PET PEEVES	MC	USBEH
●PITCH	MC	USBEH
●PLANNING FOR THE EVALUATION OF SPECIAL EDUCATION PROGRAMS	SL	USOE
●PROBLEMS IN ACADEMIC TASK PERFORMANCE, PT 1		USOE
●PROBLEMS OF SELF-HELP TASK PERFORMANCE, PT 2		USOE
●SAY IT WITH HANDS--A SERIES		USBEH
●SELF MONITORING PRACTICE	MC	USBEH
●SIMPLIFICATION OF TRANSFORMATIONS	MC	USBEH
●SPEECH - UPPER GRADE LEVEL		USBEH
●SPEECH - UPPER GRADE LEVEL	MC	USBEH
SPEECH READING		USA
●USE OF OVERHEAD PROJECTOR	MC	USBEH
●VOCAL APPROACH	MC	USBEH

TEACHER AND TEACHING

CAPUCHINO STORY, THE	USOE
CASE METHOD OF INSTRUCTION, THE, PT 1	USA
CASE METHOD OF INSTRUCTION, THE, PT 2	USA
HEAD START TO CONFIDENCE	USOEO
MATHEMATICS THROUGH DISCOVERY	USOE
PREPARATION OF TEACHERS	USDS
●PROBLEMS IN ACADEMIC TASK PERFORMANCE, PT 1	USOE
●PROBLEMS IN SELF-HELP TASK PERFORMANCE, PT 2	USOE
PROGRAMMED INSTRUCTION - THE TEACHER'S ROLE-A SERIES	USOE
PROGRAMMED INSTRUCTION - THE TEACHER'S ROLE-A SERIES (SPANISH)	USOE
STAGES OF INSTRUCTION, THE - APPLICATION, EXAMINATION, AND REVIEW OR CRITIQUE	USA
TEACHER AND TECHNOLOGY, THE	USOE
TEACHERS AIDES - A NEW OPPORTUNITY	USOEO
●WHAT IS TEACHING - WHAT IS LEARNING	USNIMH

TECHNOLOGY

●AGRICULTURAL ENGINEERING - THE PROFESSION WITH A FUTURE		USDA
AIR UNIVERSITY, THE		USAF
ATOMS FOR PEACE, PT 6, TRAINING MEN FOR THE ATOMIC AGE		USIA
ATOMS FOR THE AMERICAS		USAEC
●BETTER LIVING THROUGH RESEARCH		USDA
●BREAKTHROUGH		USDA
●COACHING ON THE JOB		USDA
COMMUNICATION THEORY AND THE NEW EDUCATIONAL MEDIA--A SERIES		USOE
●EDUCATIONAL TECHNOLOGY	MC	USBEH
●EDUCATIONAL TECHNOLOGY		USBEH
EXPLORATION AT BOULDER		USNBS
●MONTESSORI		USBEH
PANCHO		USOEO
PERCEPTION AND COMMUNICATION		USOE
STAGES OF INSTRUCTION, THE - PRESENTATION		USA
TEACHER AND TECHNOLOGY, THE		USOE
UNIVERSE ON A SCRATCHPAD		USNASA
YOUR PLACE IN THE NUCLEAR AGE		USAEC

ELECTRICITY

CIRCUIT

CONTROL TRANSFORMER	USAF
DC CIRCUIT PARAMETERS	USAF
DC SERIES RESISTIVE CIRCUITS	USAF
PARALLEL RC, RL, AND RCL CIRCUITS (TRIGONOMETRIC SOLUTIONS)	USAF
PARALLEL RC, RL, AND RCL CIRCUITS (GRAPHIC SOLUTIONS)	USAF
PARALLEL RESISTIVE CIRCUITS	USAF
PARALLEL RESISTIVE CIRCUITS - CIRCUIT ANALYSIS	USAF
PARALLEL RESISTIVE CIRCUITS - CIRCUIT ANALYSIS	USAF
PARALLEL RESISTIVE CIRCUITS - DC POWER	USAF
PARALLEL RESISTIVE CIRCUITS - TROUBLESHOOTING	USAF
RESISTIVE BRIDGE CIRCUITS	USAF
SERIES AND PARALLEL CIRCUITS	USN
SERIES RESISTIVE CIRCUITS - DC POWER	USAF
SERIES-PARALLEL RESISTIVE CIRCUITS - CIRCUIT ANALYSIS	USAF
SINGLE-PHASE AND POLYPHASE CIRCUITS	USOE

EQUIPMENT

AC GENERATORS	USAF
ACROSS-THE-LINE STARTERS	USOE
DIRECT CURRENT GENERATORS	USAF
ELECTRIC PROPULSION	USNASA
ELECTRICAL CIRCUIT FAULTS	USOE
INTRODUCTION TO SYNCHROS	USAF
RELAYS	USAF
REPULSION-INDUCTION MOTOR - GENERAL OVERHAUL	USOE
SERVO ANALYSIS	USAF
●SPARK ARRESTER INSPECTION	USDA
SPLIT-PHASE MOTOR - REWINDING	USOE
SPLIT-PHASE MOTOR PRINCIPLES	USOE
SPLIT-PHASE MOTOR PRINCIPLES (SPANISH)	USOE
SQUIRREL-CAGE ROTOR PRINCIPLES	USOE
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THREE-PHASE MOTOR, PT 1, PREPARING TO REWIND	USOE
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TRANSFORMERS	USAF
USE OF AMMETER	USAF
USE OF OHMMETER	USAF
USE OF VOLTMETER	USAF
VIBRATORS	USAF
VOLTAGE DIVIDERS	USAF

MAGNETISM

AIRCRAFT ENGINES - ELEMENTS OF ELECTRICITY AS APPLIED TO IGNITION SYSTEMS	USAF
ELECTROMAGNETISM	USAF

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ELECTRICITY

MAGNETISM – *(Continued)*

ELECTROMAGNETS	USN
HOW MAGNETS PRODUCE ELECTRICITY	USN
ROTATING MAGNETIC FIELDS	USOE
SQUIRREL-CAGE ROTOR PRINCIPLES	USOE

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ACROSS-THE-LINE STARTERS	USOE
DC MOTOR, PT 1, MECHANICAL OVERHAUL	USOE
DC MOTOR, PT 2, REWINDING	USOE
DC MOTORS	USAF
DIRECT CURRENT CONTROLLERS	USOE
DIRECT CURRENT MOTORS - THEORY OF OPERATION	USN
MOTORS AND GENERATORS, PT 1, DC MOTORS AND GENERATORS	USA
MOTORS AND GENERATORS, PT 2 - AC MOTORS AND GENERATORS	USA
REPULSION-INDUCTION MOTOR - GENERAL OVERHAUL	USOE
SPLIT-PHASE MOTOR - REWINDING	USOE
SPLIT-PHASE MOTOR PRINCIPLES	USOE
SPLIT-PHASE MOTOR PRINCIPLES (SPANISH)	USOE
WOUND ROTOR CONTROLLERS	USOE

THEORY

ACROSS-THE-LINE STARTERS	USOE
AMPERES, VOLTS, AND OHMS	USN
BASIC CIRCUIT SYMBOLS AND COMPONENTS	USAF
BASIC DC METER MOVEMENT	USN
BASIC ELECTRICITY	USAF
BASIC ELECTRICITY - AC PARALLEL CIRCUITS	USN
BASIC ELECTRICITY - AC SERIES CIRCUITS	USN
BASIC ELECTRICITY - CAPACITANCE IN AC CIRCUITS	USN
BASIC ELECTRICITY - INDUCTANCE IN AC CIRCUITS	USN
BASIC TURBINE THEORY	USN
CAPACITANCE	USN
CHARGING STORAGE BATTERIES	USA
CONTROL TRANSFORMER	USAF
CURRENT AND ELECTROMOTIVE FORCE	USN
CURRENT FLOW, WHAT IT IS	USN
DC CIRCUIT PARAMETERS	USAF
DC SERIES RESISTIVE CIRCUITS	USAF
DEFINITION AND ANALYSIS OF ALTERNATING CURRENT	USAF
DIRECT CURRENT GENERATORS - THEORY OF OPERATION	USN
DIRECT CURRENT MOTORS - THEORY OF OPERATION	USN
EFFECTS OF THE IONOSPHERE ON RADIO WAVE PROPAGATION, THE	USA
ELEMENTS OF ELECTRICITY	USA
MOISTURE PROOFING ELECTRICAL AND TYPE CONNECTORS	USN
MOTORS AND GENERATORS, PT 1, DC MOTORS AND GENERATORS	USA
MOTORS AND GENERATORS, PT 2 - AC MOTORS AND GENERATORS	USA
OHM'S LAW	USAF
PARALLEL RC, RL, AND RCL CIRCUITS (TRIGONOMETRIC SOLUTIONS)	USAF
PARALLEL RC, RL, AND RCL CIRCUITS (GRAPHIC SOLUTIONS)	USAF
PARALLEL RESISTIVE CIRCUITS	USAF
PARALLEL RESISTIVE CIRCUITS - CIRCUIT ANALYSIS	USAF
PARALLEL RESISTIVE CIRCUITS - CIRCUIT ANALYSIS	USAF
PARALLEL RESISTIVE CIRCUITS - DC POWER	USAF
PARALLEL RESISTIVE CIRCUITS - TROUBLESHOOTING	USAF
REDUCED VOLTAGE STARTERS	USOE
RESISTIVE BRIDGE CIRCUITS	USAF
ROTATING MAGNETIC FIELDS	USOE
SERIES AND PARALLEL CIRCUITS	USN
SERIES RESISTIVE CIRCUITS - DC POWER	USAF
SERIES-PARALLEL RESISTIVE CIRCUITS - CIRCUIT ANALYSIS	USAF
SINGLE-PHASE AND POLYPHASE CIRCUITS	USOE
THEORY OF THE LEAD-ACID STORAGE BATTERY	USN
VOLTAGE DOUBLER	USAF
VOLTAIC CELL, DRY CELL, AND STORAGE BATTERY	USA
WHAT CAUSES CURRENT FLOW - EMF	USN
WHAT CONTROLS CURRENT FLOW - RESISTANCE	USN
WIRE SIZES AND VOLTAGE DROP	USOE
WOUND ROTOR CONTROLLERS	USOE

ELECTRONICS

AMPLIFIER

AMPLIFIER DISTORTION	USAF
AMPLIFIER PRINCIPLES	USAF
AMPLIFIER PRINCIPLES - CLASSIFICATION, PT 1	USAF
AMPLIFIER PRINCIPLES - CLASSIFICATION, PT 2	USAF
AMPLIFIER PRINCIPLES - COUPLING, PT 1	USAF
AMPLIFIER PRINCIPLES - COUPLING, PT 2	USAF
AUDIO AMPLIFIERS	USAF
AUDIO AMPLIFIERS PRINCIPLES, PT 1	USAF
AUDIO AMPLIFIERS PRINCIPLES, PT 2	USAF
ELECTRON COUPLED OSCILLATOR	USAF
FEED BACK	USAF
FULL-WAVE MAGNETIC AMPLIFIER	USAF
PUSH-PULL AMPLIFIER	USAF
PUSH-PULL AMPLIFIER	USAF
RF AND IF AMPLIFIERS, PT 1	USAF
TRANSISTORS - HIGH FREQUENCY OPERATION - AMPLIFIERS AND OSCILLATORS	USN
TRANSISTORS - LOW FREQUENCY AMPLIFIERS	USN
TRANSISTORS, PT 5, TRANSISTOR AMPLIFIER AND OSCILLATOR CIRCUITS	USA
TRAVELING WAVE TUBE	USAF
TRIODE, THE - AMPLIFICATION	USOE
VIDEO AMPLIFIER	USAF
VIDEO AMPLIFIERS	USAF

COMMUNICATION

AN/TCC-7 SYSTEM, PT 2, INITIAL ADJUSTMENTS OF CARRIER TELEPHONE TERMINAL	USA
ARMY RESEARCH AND DEVELOPMENT - PROGRESS REPORT 8	USA
AUDIO OSCILLATOR OPERATION	USN
*AUTOMATIC TELEPHONE CENTRAL OFFICES, PT 1, STRONGER-TYPE SWITCHING SYSTEMS	USA
*AUTOMATIC TELEPHONE CENTRAL	

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COMMUNICATION – *(Continued)*

OFFICES, PT 2, XY SWITCHING SYSTEMS	USA
AUTOMATIC VOICE NETWORK - AUTOVON	USA
BALANCED MODULATOR AND CRYSTAL FILTERS	USAF
*BASIC RADIO PROCEDURES FOR PILOTS	USFAA
BASIC TELEPHONY	USA
BRIDGE RECTIFIERS	USAF
CIRCUIT TESTING WITH METERS AND MULTIMETERS, PART II, - PRACTICAL APPLICATION	USA
*COMMUNICATION CENTER PROCEDURE FOR CORPS AND LOWER HEADQUARTERS, PT 1, OUTGOING ...	USA
COMMUNICATION CENTER PROCEDURE, PT 2, INCOMING MESSAGES	USA
COMPOSITION OF AN AM WAVE	USAF
DEW LINES	USAF
DIODE AND CRYSTAL DETECTORS	USAF
DISASTER FEEDING	USA
ELECTROMAGNETIC INTERFERENCE ASHORE	USN
ELECTRONIC FUNCTIONAL MODULES	USN
ELECTRONICS - SPECIAL CIRCUITS AND DEVICES - WAVEGUIDES	USN
ELECTRONICS - SPECIAL CIRCUITS AND DEVICES - TRIGGERED BLOCKING OSCILLATOR CIRCUIT ...	USN
ENVIRONMENTAL FACTORS AFFECTING RELIABILITY OF ELECTRONIC EQUIPMENT	USN
FREQUENCY MODULATION, PT 1, BASIC PRINCIPLES	USA
FUNDAMENTALS OF CARRIER TELEPHONY, PT 1 OPERATION OF A CARRIER SYSTEM	USA
FUNDAMENTALS OF CARRIER TELEPHONY, PT 2, TERMINALS AND REPEATERS	USA
INDEPENDENT COMMERCIAL RADIO STATION	USDA
INTRODUCTION TO AMPLITUDE MODULATION	USAF
INTRODUCTION TO DETECTION	USAF
INTRODUCTION TO NAS (NATIONAL AIRSPACE SYSTEM) EN ROUTE STAGE A	USFAA
INTRODUCTION TO RECEIVERS	USAF
INTRODUCTION TO SINGLE SIDEBAND	USAF
INTRODUCTION TO UNDERWATER SOUND	USN
LINE-UP PROCEDURES FOR TACTICAL TELEGRAPH CARRIER EQUIPMENT	USA
LORAN DUTY - A CHALLENGE	USCG
LUBRICATION OF ELECTRONIC EQUIPMENT	USN
MECHANICAL OPERATION OF THE MODEL 28 TELETYPEWRITER - AUTOMATIC TYPER SELECTING...	USN
MECHANICAL OPERATION OF THE MODEL 28 TELETYPEWRITER - FUNCTION MECHANISM	USN
MECHANICAL OPERATION OF THE MODEL 28 TELETYPEWRITER - KEYBOAD TRANSMITTING MECHANISM	USN
MECHANICAL OPERATION OF THE MODEL 28 TELETYPEWRITER-TYPE BOX POSITIONING MECHANISM	USN
OPEN WIRE TRANSPOSITION SYSTEMS	USA
PERCENTAGE OF MODULATION	USAF
PM-1 NUCLEAR POWER PLANT	USAEC
POLE LINE CONSTRUCTIO, PT 3, ERECTING POLES AND ATTACHING CROSSARMS	USA
PULSE MODULATION	USAF
*RADIO INTERFERENCE FROM RURAL POWER LINES	USDA
RADIO MAN FIGHT, THE	USN
RADIO SETS AN/GRC 3, 4, 5, 6, 7, AND 8	USA
RADIO SHOP TECHNIQUES	USN
REACTANCE TUBE MODULATOR	USAF
RECEIVER ALIGNMENT	USAF
REINS OF COMMAND, THE - AIR FORCE COMMUNICATIONS SERVICE	USAF
*REPORT ON RURAL TELEPHONE SERVICE	USDA
RHYTHM, SPEED, AND ACCURACY IN HAND SENDING	USN
SIGNAL GENERATOR OPERATION	USN
TRANSISTOR FM DETECTOR	USAF
TRANSISTOR FM OSCILLATOR	USAF
TRANSMISSION SECURITY	USN
TRAPEZOIDAL SWEEP GENERATOR - TSTR	USAF
TRAPEZOIDAL SWEEP GENERATOR - VT	USAF
TT-47/UG TELETYPEWRITER - GENERAL PRINCIPLES AND OPERATION	USN
TT-47/UG TELETYPEWRITER - PREVENTIVE MAINTENANCE	USN
TUBE TESTER OPERATION	USN

EQUIPMENT

AN/TPS-25 GROUND SURVEILLANCE RADAR, THE	USA
AN/TPS-25 GROUND SURVEILLANCE RADAR, THE - MOVING TARGET DETECTION	USA
*AUTOMATIC TELEPHONE CENTRAL OFFICES, PT 1, STRONGER-TYPE SWITCHING SYSTEMS	USA
*AUTOMATIC TELEPHONE CENTRAL OFFICES, PT 2, XY SWITCHING SYSTEMS	USA
DIRECTIONAL ANTENNAS	USAF
DIRECTIONAL COUPLER	USAF
LINE-UP PROCEDURES FOR TACTICAL TELEGRAPH CARRIER EQUIPMENT	USA
RADAR SET AN/PPS-5 - OPERATION AND MANPACKING	USA
RADIO ANTENNAS - CREATION AND BEHAVIOR OF RADIO WAVES	USAF
RADIO RELAY EQUIPMENT AN/TRC-35 AND -36, PART IV - SYSTEM LINEUP PROCEDURES	USA
RECEIVER TROUBLESHOOTING PROCEDURE	USAF

MAGNETISM

MAGNETIC CORES, PT 1, PROPERTIES	USA
MAGNETIC CORES, PT 2, BASIC CIRCUITS	USA
MAGNETISM, PT B	USAF
MAGNETRON	USAF
RADIO ANTENNAS - CREATION AND BEHAVIOR OF RADIO WAVES	USAF

* INDICATES NEW ENTRY

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PRINCIPLE – *(Continued)*

PRINCIPLE

AMPLIFIER PRINCIPLES	USAF
AMPLIFIER PRINCIPLES - CLASSIFICATION, PT 1	USAF
AMPLIFIER PRINCIPLES - CLASSIFICATION, PT 2	USAF
AMPLIFIER PRINCIPLES - COUPLING, PT 1	USAF
AMPLIFIER PRINCIPLES - COUPLING, PT 2	USAF
AUDIO AMPLIFIERS	USAF
AUDIO AMPLIFIERS PRINCIPLES, PT 1	USAF
AUDIO AMPLIFIERS PRINCIPLES, PT 2	USAF
DIODE, THE - PRINCIPLES AND APPLICATIONS	USOE
ELECTRONIC VOLTAGE REGULATORS	USAF
ELECTROSTATIC PRINCIPLES - ATOMIC STRUCTURE OF MATTER	USAF
ELECTROSTATIC PRINCIPLES - CHARGED BODIES	USAF
ELECTROSTATIC PRINCIPLES - CONDUCTORS AND INSULATORS	USAF
INDUCTANCE	USAF
OHM'S LAW	USA
OSCILLATORS	USN
PHASE SHIFT OSCILLATOR - VT	USAF
REACTANCE TUBE MODULATOR	USAF
SOLID STATE PRINCIPLES	USAF
TT-47/UG TELETYPEWRITER - GENERAL PRINCIPLES AND OPERATION	USN

SYSTEM

AMPLIFIER DISTORTION	USAF
AN/TPS-25 GROUND SURVEILLANCE RADAR, THE	USA
AN/TPS-25 GROUND SURVEILLANCE RADAR, THE - MOVING TARGET DETECTION	USA
ANTENNA MATCHING DEVICES	USAF
ANTENNAS	USAF
BALANCED MODULATOR AND CRYSTAL FILTERS	USAF
CATHODE FOLLOWER	USAF
CATHODE RAY TUBE, THE - HOW IT WORKS	USN
CAVITY RESONATORS	USAF
DIGITAL COMPUTER TECHNIQUES - LOGIC ELEMENT CIRCUITS	USN
DIODE TUBES - EMISSION AND SPACE CHARGE	USAF
DIODES AND RECTIFIER CIRCUITS - FULL-WAVE RECTIFIERS	USAF
DIRECTIONAL ANTENNAS	USAF
DIRECTIONAL COUPLER	USAF
ELECTRONIC ROUTE SYSTEM	USFHWA
ELECTRONICS - SPECIAL CIRCUITS AND DEVICES - FREE RUNNING BLOCKING OSCILLATOR CIRCUIT	USN
ELECTROSTATIC CATHODE-RAY TUBE	USAF
FEED BACK	USAF
FILTERS AND POWER SUPPLIES	USAF
FILTERS AND POWER SUPPLIES - 'PI' TYPE FILTERS	USAF
FILTERS AND POWER SUPPLIES - FILTER ACTION, PT 1	USAF
FILTERS AND POWER SUPPLIES - FILTER ACTION, PT 2	USAF
FILTERS AND POWER SUPPLIES - POWER SUPPLY TROUBLESHOOTING	USAF
FILTERS AND POWER SUPPLIES - VOLTAGE DOUBLERS	USAF
FULL-WAVE RECTIFIERS - VACUUM TUBE	USAF
GAS TUBES	USAF
GRID LIMITER	USAF
INTERMITTENT TRANSISTOR SAWTOOTH GENERATOR	USAF
INTRODUCTION TO HETERODYNING	USAF
KLYSTRONS	USAF
*MAINTAINING GOOD VOLTAGE ON RURAL DISTRIBUTION LINES	USDA
MICROWAVE OSCILLATORS, PT 1, REFLEX KLYSTRONS	USA
*ORIENTATION, THE TRUE FADE SYSTEM	USN
PENTODE CRYSTAL OSCILLATOR	USAF
PENTODES AND PENTAGRIDS	USAF
PHANTASTRON	USAF
PHASE SHIFT OSCILLATOR - VT	USAF
PLATE DETECTOR	USAF
PLATE-COUPLED MULTIVIBRATOR - VT	USAF
*POWER AND THE LAND	USDA
RADAR SET AN/PPS-5 - OPERATION AND MANPACKING	USA
*RADIO INTERFERENCE FROM RURAL POWER LINES	USDA
RADIO RELAY EQUIPMENT AN/TRC-35 AND -36, PART IV - SYSTEM LINEUP PROCEDURES	USA
RADIO SETS AN/GRC 3, 4, 5, 6, 7, AND 8	USA
RC TRANSIENTS	USAF
RCL	USN
SERIES RCL QUALITY AND SELECTIVITY	USAF
SHOCK EXCITED OSCILLATOR	USAF
SHUNT HARTLEY OSCILLATOR - VT	USAF
SYNCHROSCOPE	USAF
THYRATRON SAWTOOTH GENERATOR	USAF
TUNED PLATE OSCILLATOR	USAF
USE OF THE OSCILLOSCOPE	USAF
USES OF RESONANT SECTIONS	USAF
VACUUM TUBES - BIAS IN TRIODES	USAF
WAVEGUIDE PLUMBING	USAF
WAVEGUIDES	USAF
X-RAY INSPECTION	USOE

THEORY

ANTENNA MATCHING DEVICES		USAF
ANTENNAS		USAF
ARTIFICIAL TRANSMISSION LINES		USAF
ASTABLE MULTIVIBRATOR - TSTR		USAF
*AUDIO FREQUENCY AMPLIFICATION	FS	USN
BI-STABLE MULTIVIBRATOR - TSTR		USAF
BI-STABLE MULTIVIBRATOR - VT		USAF
BIASED CLAMPERS		USAF
BLOCKING OSCILLATOR		USAF
BLOCKING OSCILLATOR - TSTR		USAF
BLOCKING OSCILLATOR - VT		USAF
BRIDGE RECTIFIER - VACUUM TUBE		USAF
CAPACITANCE, PT 1, PHYSICAL AND ELECTRICAL CHARACTERISTICS AND FACTORS AFFECTING CAPACI		USA
CAPACITORS		USAF
CAPACITORS - DC-AC ACTION		USAF
CAPACITORS - REACTANCE AND TOTAL CAPACITANCE		USAF
CATHODE FOLLOWER		USAF
DIODE, THE - PRINCIPLES AND APPLICATIONS		USOE
DIODES AND RECTIFIER CIRCUITS - FULL-WAVE RECTIFIERS		USAF
DIODES AND RECTIFIER CIRCUITS - HALF-WAVE RECTIFIERS		USAF

* INDICATES NEW ENTRY

ELECTRONICS

THEORY – *(Continued)*

DIODES AND RECTIFIER CIRCUITS - METALLIC RECTIFIERS	USAF
DIODES AND RECTIFIER CIRCUITS - SOLID STATE DIODES	USAF
DOUBLE INPUT MIXERS	USAF
DUO-DIODE LIMITER - TSTR	USAF
ELECTROMAGNETIC CATHODE RAY TUBE - THEORY OF OPERATION	USN
ELECTRON COUPLED OSCILLATOR	USAF
ELECTRON THEORY, THE	USN
ELECTRON, THE - AN INTRODUCTION	USOE
FILTERS AND POWER SUPPLIES	USAF
FILTERS AND POWER SUPPLIES - 'PI' TYPE FILTERS	USAF
FILTERS AND POWER SUPPLIES - FILTER ACTION, PT 1	USAF
FILTERS AND POWER SUPPLIES - FILTER ACTION, PT 2	USAF
FILTERS AND POWER SUPPLIES - POWER SUPPLY TROUBLESHOOTING	USAF
FILTERS AND POWER SUPPLIES - VOLTAGE DOUBLERS	USAF
HALF-WAVE AND FULL-WAVE RECTIFIERS - VACUUM TUBE	USAF
INDUCTIVE REACTANCE	USAF
INDUCTIVE REACTANCE	USAF
INTRODUCTION TO DISCRIMINATORS	USAF
INTRODUCTION TO HETERODYNING	USAF
INTRODUCTION TO LC OSCILLATORS	USAF
INTRODUCTION TO MULTIVIBRATORS	USAF
INTRODUCTION TO PHANTASTRON	USAF
INTRODUCTION TO REACTANCE TUBE MODULATOR	USAF
JUNCTION TRANSISTOR, THE	USN
KLYSTRONS	USAF
LISSAJOUS FIGURES	USAF
LOADED VOLTAGE DIVIDERS	USAF
MAGNETIC CORES, PT 1, PROPERTIES	USA
MAGNETIC CORES, PT 2, BASIC CIRCUITS	USA
MAGNETISM, PT B	USAF
MAGNETRON	USAF
MICROWAVE OSCILLATORS, PT 1, REFLEX KLYSTRONS	USA
MONOSTABLE MULTIVIBRATOR - TSTR	USAF
MONOSTABLE MULTIVIBRATOR - VT	USAF
OHM'S LAW	USA
*ORIENTATION, THE TRUE FADE SYSTEM	USN
OSCILLATORS	USN
PARALLEL RESONANT CIRCUITS	USAF
PARALLEL RESONANT CIRCUITS	USAF
PENTODE CRYSTAL OSCILLATOR	USAF
PENTODES AND PENTAGRIDS	USAF
PHANTASTRON	USAF
PHASE SHIFT OSCILLATOR - VT	USAF
PLATE DETECTOR	USAF
PLATE-COUPLED MULTIVIBRATOR - VT	USAF
POWER AND POWER FACTOR	USAF
POWER SUPPLIES	USAF
PUSH-PULL AMPLIFIER	USAF
PUSH-PULL AMPLIFIER	USAF
RADIO ANTENNAS - CREATION AND BEHAVIOR OF RADIO WAVES	USAF
RC TRANSIENTS	USAF
RCL	USN
REFLEX KLYSTRON	USAF
RESISTORS - COLOR CODE	USAF
RESISTORS - CONSTRUCTION	USAF
RESONANT LINES	USAF
RESONANT SECTIONS AND MATCHING DEVICES	USAF
RF AND IF AMPLIFIERS, PT 1	USAF
RHEOSTATS AND POTENTIOMETERS	USAF
*RL TRANSIENTS	USAF
SATURABLE REACTORS	USAF
SERIES RC, RL, AND RCL CIRCUITS	USAF
SERIES RC, RL, AND RCL CIRCUITS - TRIGONOMETRIC SOLUTIONS	USAF
SERIES RCL QUALITY AND SELECTIVITY	USAF
SERIES RESONANT CIRCUITS	USAF
SHOCK EXCITED OSCILLATOR	USAF
SHUNT HARTLEY OSCILLATOR - VT	USAF
SIMPLE VOLTAGE REGULATORS	USAF
SINGLE SIDEBAND RADIO - INTRODUCTION	USMC
SOLID STATE PRINCIPLES	USAF
SPECIAL PURPOSE TUBES - REMOTE CUTOFF AND BEAM POWER TUBES	USAF
THYRATRON SAWTOOTH GENERATOR	USAF
TRANSISTOR TETRODES AND FIELD EFFECT TRANSISTORS	USAF
TRANSISTOR TRIODE CHARACTERISTICS	USAF
TRANSISTOR TRIODES	USAF
TRANSISTOR TRIODES AND SPECIAL PURPOSE DEVICES - COMMON-COLLECTOR CONFIGURATION	USAF
TRANSISTOR TRIODES AND SPECIAL PURPOSE DEVICES - OPERATION	USAF
TRANSISTOR TRIODES AND SPECIAL PURPOSE DEVICES - BIAS I	USAF
TRANSISTOR TRIODES AND SPECIAL PURPOSE DEVICES - BIAS II	USAF
TRANSISTOR TRIODES AND SPECIAL PURPOSE DEVICES - COMMON-BASE CONFIGURATIONS	USAF
TRANSISTOR TRIODES AND SPECIAL PURPOSE DEVICES - COMMON-EMITTER CONFIGURATION	USAF
TRANSISTORIZED HARTLEY OSCILLATOR	USAF
TRANSISTORIZED REGULATED POWER SUPPLY	USAF
TRANSISTORS - HIGH FREQUENCY OPERATION - AMPLIFIERS AND OSCILLATORS	USN
TRANSISTORS - LOW FREQUENCY AMPLIFIERS	USN
TRANSISTORS - MINORITY CARRIERS	USN
TRANSISTORS - P-N JUNCTION FUNDAMENTALS	USN
TRANSISTORS - SERVICING TECHNIQUES	USN
TRANSISTORS - SWITCHING	USN
TRANSISTORS - TRIODE FUNDAMENTALS	USN
TRANSISTORS, PT 1, INTRODUCTION	USA
TRANSISTORS, PT 2, SEMICONDUCTORS AND SEMICONDUCTOR DIODES	USA
TRANSISTORS, PT 3, NPN TRANSISTORS	USA
TRANSISTORS, PT 4, PNP TRANISITORS	USA
TRANSISTORS, PT 5, TRANSISTOR AMPLIFIER AND OSCILLATOR CIRCUITS	USA
TRANSISTORS, PT 6, TRANSISTORS IN PULSE APPLICATIONS	USA
TRANSISTORS, PT 7, TROUBLESHOOTING TRANSISTOR CIRCUITS	USA
TRANSISTORS, PT 8, REPAIRING TRANSISTOR CIRCUITS	USA

* INDICATES NEW ENTRY

ELECTRONICS

THEORY – *(Continued)*

TRANSMISSION LINES		USAF
TRAVELING WAVE TUBE		USAF
TRIODE LIMITERS		USAF
TRIODE VACUUM TUBES - CONSTRUCTION AND CHARACTERISTICS		USAF
TRIODE, THE - AMPLIFICATION		USOE
TUNED BASE OSCILLATOR		USAF
TUNED CIRCUITS		USA
TUNED PLATE OSCILLATOR		USAF
UNIJUNCTION SAWTOOTH GENERATOR		USAF
UNIJUNCTION TRANSISTOR AND TUNNEL DIODE		USAF
USES OF RESONANT SECTIONS		USAF
*VACUUM TUBES	FS	USN
VACUUM TUBES - BIAS IN TRIODES		USAF
VACUUM TUBES - ELECTRON THEORY AND THE DIODE TUBE		USAF
VACUUM TUBES - TRIODE AND MULTIPURPOSE TUBES		USAF
VACUUM TUBES - TRIODES - CATHODE SELF BIAS		USAF
VACUUM TUBES - TRIODES - GRID LEAK BIAS		USAF
VIDEO AMPLIFIER		USAF
VIDEO AMPLIFIERS		USAF
VOLTAGE REGULATORS		USAF
WAVEGUIDE PLUMBING		USAF
WAVESHAPING NETWORKS		USAF
WEIN BRIDGE OSCILLATOR		USAF

TRANSISTOR

TRANSISTOR TETRODES AND FIELD EFFECT TRANSISTORS	USAF
TRANSISTOR TRIODE CHARACTERISTICS	USAF
TRANSISTOR TRIODES	USAF
TRANSISTOR TRIODES AND SPECIAL PURPOSE DEVICES - COMMON-COLLECTOR CONFIGURATION	USAF
TRANSISTOR TRIODES AND SPECIAL PURPOSE DEVICES - OPERATION	USAF
TRANSISTOR TRIODES AND SPECIAL PURPOSE DEVICES - BIAS I	USAF
TRANSISTOR TRIODES AND SPECIAL PURPOSE DEVICES - BIAS II	USAF
TRANSISTOR TRIODES AND SPECIAL PURPOSE DEVICES - COMMON-BASE CONFIGURATIONS	USAF
TRANSISTOR TRIODES AND SPECIAL PURPOSE DEVICES - COMMON-EMITTER CONFIGURATION	USAF
TRANSISTORS - HIGH FREQUENCY OPERATION - AMPLIFIERS AND OSCILLATORS	USN
TRANSISTORS - LOW FREQUENCY AMPLIFIERS	USN
TRANSISTORS - MINORITY CARRIERS	USN
TRANSISTORS - P-N JUNCTION FUNDAMENTALS	USN
TRANSISTORS - SERVICING TECHNIQUES	USN
TRANSISTORS - SWITCHING	USN
TRANSISTORS - TRIODE FUNDAMENTALS	USN
TRANSISTORS, PT 1, INTRODUCTION	USA
TRANSISTORS, PT 2, SEMICONDUCTORS AND SEMICONDUCTOR DIODES	USA
TRANSISTORS, PT 3, NPN TRANSISTORS	USA
TRANSISTORS, PT 4, PNP TRANISITORS	USA
TRANSISTORS, PT 5, TRANSISTOR AMPLIFIER AND OSCILLATOR CIRCUITS	USA
TRANSISTORS, PT 6, TRANSISTORS IN PULSE APPLICATIONS	USA
TRANSISTORS, PT 7, TROUBLESHOOTING TRANSISTOR CIRCUITS	USA
TRANSISTORS, PT 8, REPAIRING TRANSISTOR CIRCUITS	USA

ENGINEERING

AEROSPACE INDUSTRY

*MEANWHILE BACK ON EARTH	USNASA

AEROSPACE TECHNOLOGY

*AEROELASTIC PHENOMENA AND RELATED RESEARCH	USNASA
*AGRICULTURAL ENGINEERING - THE PROFESSION WITH A FUTURE	USDA
AIRPORTS IN PERSPECTIVE	USFAA
BY-PRODUCTS OF SPACE RESEARCH - SELECTED EXAMPLES	USNASA
INTRODUCTION TO ENVIRONMENTAL ENGINEERING	USN
MODERN MANUFACTURING - COMMAND PERFORMANCE	USAF
TERRADYNAMICS	USAEC

CIVIL ENGINEERING

*DESILTING THE HUDSON	USAE
*DRYER DRUM PROCESS	USFHWA
*ENVIRONMENT FOR EDUCATION	USDCPA
*FROM THE RIDGE TO THE RIVER	USDA
*MINING NOISE HAZARDS	USBM
MODERN GEODETIC SURVEYING	USN
RIVER, THE	USDA
SKID CORRELATION STUDY	USFHWA
SLANTING	USOCD
SPEAKING OF MODELS	USAE
STANDARDIZATION - ENGINEERING PLANNING	USN
TENNESSEE BRIDGE TEST	USFHWA
TENSION TESTING	USOE

ELECTROMECHANISM

ATOMIC POWER TODAY - SERVICE WITH SAFETY	USAEC
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* INDICATES NEW ENTRY

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*MAN AND A RIVER, A		USEPA
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* INDICATES NEW ENTRY

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HEMIPARETIC PATIENT, THE - TRANSFER FROM WHEELCHAIR TO CAR AND REVERSE		USNMAC
HEMIPLEGIC PATIENT, THE, PT 2, BED POSITIONING OF THE ACUTE HEMIPLEGIC PATIENT		USNMAC
HEMIPLEGIC PATIENT, THE, PT 3, EVALUATION OF THE HEMIPLEGIC PATIENT FOR STANDING		USNMAC
HEMIPLEGIC PATIENT, THE, PT 4, PASSIVE RANGE OF MOTION		USNMAC
HOW TO OBSERVE NURSING ACTIVITIES, PT 1		USNMAC
*HOW TO OBSERVE NURSING ACTIVITIES, PT 2		USNMAC
HYDROTHERAPY		USOE
INDEPENDENT AMBULATION AND ELEVATION ACTIVITIES OF THE HEMIPLEGIC PATIENT		USNMAC
INFANT CARE AND FEEDING		USIAA
INTENSIVE CARE		USNMAC
INTRODUCTION TO NURSING IN A CORONARY CARE UNIT		USNMAC
ISOLATION TECHNIQUE		USN
LUMBAR PUNCTURE		USN
MAKING AN UNOCCUPIED BED		USN
MAKING THE OCCUPIED BED		USN
NURSE COMBATS DISEASE, THE		USNMAC
NURSING CARE OF THE SICK AND INJURED		USNMAC
*NURSING SCENE, THE		USNIMH
NURSING SERVICE IN THE NAVY - THE WARD NURSE		USN
ORAL ADMINISTRATION OF MEDICATIONS		USN
ORAL HYGIENE FOR THE TOTAL-CARE PATIENT		USVA
POSTOPERATIVE CARE		USN
POSTURAL DRAINAGE--PATIENT POSITIONING		USNMAC
PREOPERATIVE CARE		USN
PRESCRIPTION ROSES		USHSMH
*PUBLIC HEALTH NURSING IN COMMUNICABLE DISEASE CONTROL	FS	USNMAC
QUADRIPARETIC PATIENT, THE - TRANSFER FROM WHEELCHAIR TO CAR AND REVERSE		USNMAC
*SEASONS		USSRS
TEACHING CRUTCH WALKING		USOE
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THERAPEUTIC USES OF HEAT AND COLD, PT 2, ADMINISTERING COLD APPLICATIONS		USOE
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VIGIL OF JENNY FAY, THE		USNMAC
VITAL SIGNS AND THEIR INTERRELATION, THE - BODY TEMPERATURE, PULSE, RESPIRATION,...		USOE
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VITAL SIGNS, PT 2, TAKING TEMPERATURE, PULSE, AND RESPIRATION		USN
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ASSESSMENT OF FAT DIGESTION	SL	USNMAC
*BETTER LIVING THROUGH RESEARCH		USDA
COMMUNITY CANNING		USOE
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DETECTION OF C. BOTULINUM IN FOOD, PT 2, - MOUSE TOXIN NEUTRALIZATION TEST		USNMAC
DETECTION OF C. BOTULINUM IN FOOD, PT 3, - ISOLATION FROM MIXED CULTURE		USNMAC
DIET AND ATHEROSCLEROTIC DISEASE - ARE THEY RELATED		USNMAC
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FOOD CONSERVATION - THE DOLLARS AND SENSE OF GOOD EATING		USA
HOSPITAL FOOD SERVICE PERSONNEL TRAINING, PT 1, INTRODUCTION		USA
HOSPITAL FOOD SERVICE PERSONNEL TRAINING, PT 4, SERVING FOOD		USA
INTRODUCTION - THE ABSORBING SURFACE	SL	USNMAC
*IT HAPPENS EVERY NOON		USDA
*IT HAPPENS EVERY NOON (SPANISH)		USDA
JENNY IS A GOOD THING		USHS
JENNY IS A GOOD THING (SPANISH)		USHS
NUTRITION SURVEY - REPUBLIC OF COLOMBIA		USNMAC
NUTRITION SURVEY - REPUBLIC OF LEBANON		USNMAC
OBESITY		USNMAC
*REFRIGERATED FOOD STORAGE PRINCIPLES	FS	USNMAC
*TARGET ZERO		USDA
*THREE SQUARES, THE		USDA

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AT THE CROSSROADS		USNMAC
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BIOLOGY AND CONTROL OF DOMESTIC MOSQUITOES		USPHS
BIOLOGY AND CONTROL OF DOMESTIC MOSQUITOES (SPANISH)		USPHS
CAPITAL STORY		USOWIO
COMMUNICABLE DISEASE CENTER, THE		USNMAC
CONSTRUCTING A SANITARY PIT PRIVY		USNMAC
CONSTRUCTING A TYPICAL HOUSEHOLD SYSTEM		USNMAC
DADDY CAN'T FIND MY SOCKS		USHSMH
DESIGN FOR DENTAL HEALTH		USDDH
DISASTER AID - PUBLIC HEALTH ASPECTS		USNMAC
EMMY IMMUNIZATION		USNMAC
HEALTH HAZARDS OF PESTICIDES		USNMAC
LITTLE EXTRA WORK, A		USNMAC
MANAGEMENT OF THE LEPROSY PATIENT		USNMAC
MATTER OF PERSPECTIVE, A		USNMAC
MATTER OF PROTECTION, A		USNMAC
*MEN WHO CARE		USIA
MILK AND PUBLIC HEALTH		USPHS
MILK AND REPUBLIC HEALTH (SPANISH)		USNMAC
MODERN IMMUNIZATION PROCEDURES IN CHILDREN AND ADULTS		USNMAC
MUNICIPAL SEWAGE TREATMENT PROCESSES		USNMAC
POULTRY PROCESSING INSPECTION		USAF
PUBLIC HEALTH ASPECTS OF MIGRANT WORKERS, THE		USNMAC
PUBLIC HEALTH ASPECTS OF POULTRY PROCESSING		USNMAC
PUBLIC HEALTH PROBLEMS IN MASS EVACUATION		USNMAC
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RADIATION SAFETY IN NUCLEAR ENERGY EXPLORATIONS		USNMAC
RADIUM DECONTAMINATION		USNMAC
REFUSE DISPOSAL BY SANITARY LANDFILLS		USNMAC
REFUSE DISPOSAL BY SANITARY LANDFILLS (SPANISH)		USNMAC
SMALLPOX VACCINATION - SHOULD OUR POLICY BE CHANGED		USNMAC
VIGIL OF JENNY FAY, THE		USNMAC
WATCH ON HEALTH, THE		USNMAC
WHAT HAPPENED TO MOORETOWN		USNMAC
WORKING FOR BETTER PUBLIC HEALTH THROUGH RECOGNITION OF FEELINGS		USNMAC

RADIOLOGY

CANCER EDUCATION		USIA
DIAGNOSIS AND THERAPY WITH RADIATION		USAEC
*INTRODUCTION TO MAMMOGRAPHY	SL	USNMAC
*MAMMOGRAPHY - A SERIES	SL	USNMAC
*MAMMOGRAPHY TECHNIQUE	SL	USNMAC
MANAGEMENT OF CARCINOMA OF THE UTERINE CERVIX		USNMAC
MARSUPIALIZATION OF A HYDATID CYST OF ECHINOCOCCUS GRANULOSIS IN THE LIVER		USNMAC
MEDICAL ASPECTS OF NUCLEAR RADIATION		USA
MEDICAL EFFECTS OF THE ATOMIC BOMB, PT 1, PHYSICS, PHYSICAL DESTRUCTION, CASUALTY ...		USA
NEW DIAGNOSTIC PROCEDURES IN THE DIAGNOSIS OF PITUITARY DISEASE		USNMAC
PHYSICAL PRINCIPLES OF RADIOLOGICAL SAFETY, THE		USA
PULMONARY DISEASE CONFERENCE, PT 1		USNMAC
RADIATION AND PUBLIC HEALTH		USNMAC
RADIATION PROTECTION IN NUCLEAR MEDICINE		USN

* INDICATES NEW ENTRY

RADIATION SAFETY IN NUCLEAR ENERGY EXPLORATIONS		USNMAC
*RADIOLOGICAL SAFETY		USAEC
RADIOTHERAPY--HIGH DOSAGE TREATMENT		USOE
RADIUM DECONTAMINATION		USNMAC
SPLENOPORTOGRAPHY		USA
TOTAL BODY MEASUREMENT OF NATURAL AND ACQUIRED RADIOACTIVY IN MAN		USA

RESEARCH

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*AUDIO AID ON OSHA RECORDKEEPING, AN	RT	USOSHA
CLEAN AIR IS A BREEZE - AIRBORNE CONTAMINATION CONTROL THROUGH LAMINAR AIR FLOW		USAEC
*CONSTRUCTION SAFETY AND HEALTH TRAINING COURSE	SL	USDL
*DRUG DIALOGUE - ORIENTATION		USNIMH
*EFFECTS OF CO ON HUMAN PERFORMANCE		USEPA
EPIDEMIOLOGY OF INFLUENZA, THE		USNMAC
*IN SELF DEFENSE		USNIH
*ISLANDS OF UNDERSTANDING		USSRS
MARIHUANA, LSD AND THE MIND - A DILEMMA FOR MEDICINE AND SOCIETY		USNMAC
MATTER OF PROTECTION, A		USNMAC
MEDLARS		USNMAC
*NARRATIVE CONSTRUCTION SAFETY AND HEALTH TRAINING COURSE	SL	USDL
NATIONAL LIBRARY OF MEDICINE		USNMAC
*PAN AMERICAN HEALTH ORGANIZATION AND THE WORLD HEALTH ORGANIZATION, THE	FS	USNMAC
*PAN AMERICAN HEALTH ORGANIZATION AND THE WORLD HEALTH ORGANIZATION, THE (SPANISH)	FS	USNMAC
*THIS IS OSHA		USDL
*TO FIND ANSWERS		USSRS
*TO SEEK, TO TEACH, TO HEAL		USNIH
*TOBACCO		USNIMH
TRAUMATIC AND CHEMICAL ASPHYXIATION, PT 1		USNMAC
TRAUMATIC AND CHEMICAL ASPHYXIATION, PT 2		USNMAC

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*AIR FORCE NOW, THE, NO. 05		USAF
*AIR WE BREATHE IN INDUSTRIAL ENVIRONMENTS, THE		USBM
FAIR WARNING		USNMAC
FALLOUT PROTECTION FOR HOSPITALS		USNMAC
GETTING THROUGH		USNMAC
HEALTH HAZARDS OF PESTICIDES		USNMAC
HEALTHIER PLACE TO LIVE, A		USNMAC
HEALTHIER PLACE TO LIVE, A (BLACK CAST)		USNMAC
HEALTHIER PLACE TO LIVE, A (SPANISH-AMERICAN CAST - SPANISH)		USNMAC
*HYGIENE FOR MEN - THE DECISION IS YOURS		USN
INFECTIOUS HAZARDS IN THE LABORATORY - SAFE USE OF THE SYRINGE		USNMAC
INFECTIOUS HAZARDS OF BACTERIOLOGICAL TECHNIQUES		USNMAC
*MANAGEMENT'S ROLE IN HEALTH AND SAFETY		USBM
*MEDICAL FACTS FOR PILOTS		USFAA
OFF-SITE MONITORING OF FALLOUT FROM NUCLEAR TESTS		USNMAC
*OH! MY ACHING BACK		USBM
PATTERNS FOR HEALTH		USOEO
*PREVENTING COAL PNEUMOCONIOSIS THROUGH ENGINEERING CONTROLS		USBM
RADIATION SAFETY IN NUCLEAR ENERGY EXPLORATIONS		USNMAC
RADIOACTIVE WASTE DISPOSAL		USNMAC
*RADIOLOGICAL SAFETY		USAEC
RX FOR FLIGHT		USFAA
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ABC WARFARE DEFENSE ASHORE - BIOLOGICAL WARFARE DECONTAMINATION - PERSONNEL		USN
ABC WARFARE DEFENSE ASHORE - DETECTION OF CONTAMINATED AREAS IN BIOLOGICAL AND ...		USN
BIOLOGY AND CONTROL OF THE COCKROACH		USPHS
CLEAN HANDS	SL	USFDA
*CLEAN HANDS (SPANISH)	SL	USFDA
CLEANING EQUIPMENT AND CONTAINERS		USPHS
CLEANING EQUIPMENT AND CONTAINERS (FRENCH)		USPHS
CLEANING EQUIPMENT AND CONTAINERS (SPANISH)		USPHS
CONSTRUCTING A SANITARY PIT PRIVY		USNMAC
*ENVIRONMENTAL SANITATION		USOIAA
FLY CONTROL THROUGH BASIC SANITATION		USNMAC
FLY CONTROL THROUGH BASIC SANITATION (FRENCH)		USPHS
FOOD PREPARATION		USNMAC
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HANDWASHING IN PATIENT CARE		USCDC
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HIGH-TEMPERATURE SHORT-TIME PASTEURIZATIONINSPECTION AND TESTING		USPHS
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HOSPITAL FOOD SERVICE PERSONNEL TRAINING, PT 1, INTRODUCTION		USA
HOSPITAL FOOD SERVICE PERSONNEL TRAINING, PT 2, THE INDIVIDUAL		USA
HOSPITAL FOOD SERVICE PERSONNEL TRAINING, PT 3, EQUIPMENT		USA
HOSPITAL FOOD SERVICE PERSONNEL TRAINING, PT 4, SERVING FOOD		USA
HOSPITAL HOUSEKEEPING - MOPPING TWO BUCKET METHOD		USNMAC
HOSPITAL HOUSEKEEPING - WET PICK UP		USNMAC
INCINERATION		USNMAC
INFECTIOUS HEPATITIS - UNWANTED SOUVENIR		USN
INTRODUCTION TO SWIMMING POOL SANITATION		USNMAC
IT MUST BE THE NEIGHBORS		USNMAC
KEEP CLEAN - STAY WELL (BLACK CAST)		USNMAC
KEEP CLEAN - STAY WELL		

HEALTH

SANITATION – *(Continued)*

(SPANISH-AMERICAN CAST - SPANISH)		USNMAC
KEEP CLEAN - STAY WELL (SPANISH-AMERICAN CAST)		USNMAC
KITCHEN HABITS		USNMAC
KITCHEN HABITS (SPANISH)		USNMAC
MILK AND PUBLIC HEALTH		USPHS
MILK AND REPUBLIC HEALTH (SPANISH)		USNMAC
PREVENTION AND CONTROL OF STAPHYLOCCAL INFECTIONS		USNMAC
PUBLIC HEALTH ASPECTS OF POULTRY PROCESSING		USNMAC
RAT KILLING		USNMAC
SANITARY STORAGE AND COLLECTION OF REFUSE		USNMAC
SANITATION TECHNIQUES IN RAT CONTROL		USNMAC
SERVING FOOD		USNMAC
SERVING FOOD (SPANISH)		USNMAC
SHIPBOARD INSPECTION BY MEDICAL DEPARTMENT PERSONNEL - FOOD PREPARATION		USN
SHIPBOARD INSPECTION BY MEDICAL DEPARTMENT PERSONNEL - STORAGE		USN
SHIPBOARD INSPECTION BY MEDICAL DEPARTMENT PERSONNEL - WATER SUPPLY		USN
SHIPBOARD INSPECTION BY MEDICAL DEPARTMENT PERSONNEL--FOOD SERVING		USN
STOWAWAY, PT 1, DISEASE AND PERSONAL HYGIENE		USA
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SURVEY OF REFUSE DISPOSAL METHODS, A		USNMAC
*THAT THE BEST WILL BE OURS		USDA
*VESICULAR EXANTHEMA		USDA
VITAL SIGNS, PT 2, TAKING TEMPERATURE, PULSE, AND RESPIRATION		USN
WHAT HAPPENED TO MOORETOWN		USNMAC
*WHAT IS YOUR QA QUOTIENT?	SL	USFDA
*WOODLAND MANNERS		USDA
YOU AND YOUR JOB		USNMAC

SEXUALITY AND SEX EDUCATION

DANCE LITTLE CHILDREN (SPANISH)		USNMAC
*HUMAN REPRODUCTION, PT 1 - HOW REPRODUCTION TAKES PLACE	FS	USNMAC
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INNOCENT PARTY, THE (SPANISH)		USNMAC
PRACTICAL VIEW OF SYPHILIS, A		USNMAC

HISTORY

CIVIL WAR PERIOD TO 1900

HISTORY OF THE U S NAVY - THE CIVIL WAR, PT 1	USN
HISTORY OF THE U S NAVY - THE CIVIL WAR, PT 2	USN
THIRTY-SECOND INFANTRY DIVISION	USA
*YOUTH TO MATURITY	USDS

COLONIAL PERIOD TO 1776

OLD GLORY	USDOD

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AIR FORCE STORY, THE - MEETING THE RED CHALLENGE (VOL 2, CHAP 2)	USAF
AIR FORCE STORY, THE - ON TO THE YALU, JUNE 1950 (VOL 2, CHAP 3)	USAF
AIR FORCE STORY, THE - THE FINAL PHASE (VOL 2, CHAP 4)	USAF
CARRIER ACTION OFF KOREA	USN
CHINESE REDS ENTER WAR	USDOD
COMBAT BULLETIN NO. 101 - KOREA BATTLES FOR TIME	USA
COMBAT BULLETIN NO. 102 - KOREA TURNING THE TIDE	USA
COMBAT BULLETIN NO. 103 - KOREA U N OFFENSIVE	USA
COMBAT BULLETIN NO. 104 - CHINESE REDS ENTER WAR	USA
COMBAT BULLETIN NO. 105 - U N FORCES ESCAPE TRAP	USA
COMBAT BULLETIN NO. 106 - U N FORCES CONSOLIDATE BELOW 38TH PARALLEL	USA
COMBAT BULLETIN NO. 107 - U N FORCES MOVE NORTH	USA
COMBAT BULLETIN NO. 108	USA
COMBAT BULLETIN NO. 109 - U N FORCES CROSS 38TH PARALLEL	USA
COMBAT BULLETIN NO. 110 - REDS LAUNCH SPRING OFFENSIVE	USA
COMBAT BULLETIN NO. 111 - U N COUNTERATTACK	USA
COMBAT BULLETIN NO. 112 - KOREAN CEASEFIRE TALKS	USA
COMBAT BULLETIN NO. 113 - STALEMATE IN KOREA	USA
FIGHTING LADY SPEAKS, A	USN
FIRE - ARTILLERY ACTION IN KOREA	USA
FIRST FORTY DAYS, THE	USA
FLEET THAT CAME TO STAY, THE	USN
FLOATING FORTRESS	USN
KOREA STORY, THE	USIA
KOREAN CEASE FIRE TALKS	USDOD
MOTION PICTURE HISTORY OF THE KOREAN WAR, THE	USDOD
REDS LAUNCH SPRING OFFENSIVE	USDOD
STALEMATE IN KOREA	USDOD
U N COUNTERATTACK	USDOD
U N FORCES CONSOLIDATE BELOW 38TH PARALLEL	USDOD
U N FORCES CROSS THE 38TH PARALLEL	USDOD
U N FORCES MOVE NORTH	USDOD
U N OFFENSIVE CONTINUES	USDOD
*WITH THE MARINES - CHOSIN TO HUNGNAM	USN

MILITARY HISTORY

ADMIRAL BURKE TAKES COMMAND	USN
AIR POWER AND THE MAN	USAF
AIRMOBILE DIVISION, THE	USDOD
AMERICAN SOLDIER IN COMBAT, THE	USA
BATTLE GLORY	USA
MACARTHUR STORY, THE	USDOD
MEDAL OF HONOR - BURNING PLOESTI OIL	USAF
MEN WITH WINGS	USDOD
THIRTY-SECOND INFANTRY DIVISION	USA

REVOLUTIONARY WAR PERIOD TO 1783

*AGE OF REVOLUTIONS, AN	USDS
WAR OF INDEPENDENCE, 1775-1783	USN

* INDICATES NEW ENTRY

TWENTIETH CENTURY

ALASKAN CENTENNIAL	USA
ALASKAN HERITAGE	USDOD
ANSWER, AN	USN
●ERP IN ACTION, VOL 1, NO 04	USA
●ERP IN ACTION, VOL 1, NO 12	USA
●ERUPTION OF KILAUEA 1959-60	USGS
●ERUPTION OF KILAUEA 1959-60 (SPANISH)	USGS
●EUROPE - TWO DECADES	NATO
●FOREIGN MARKETING NEWSREEL	USDA
●HERITAGE RESTORED	USDA
LETTER TO LINDA	USCG
LEVEES ON THE LOWER MISSISSIPPI	USAE
MIRROR OF AMERICA	USGSA
MOMENT IN HISTORY, A	USNASA
●NATIONAL GRASSLANDS	USDA
●NEW PATTERNS ON THE LAND	USDA
NEW SPIRIT FOR '76, A	USARBC
●NINETEEN HUNDRED FIFTY-FIVE ERUPTION OF KILAUEA VOLCANO, HAWAII	USGS
OLD GLORY	USDOD
ONE WEEK IN OCTOBER	USOCD
OUT OF HUNGARY TO FREEDOM	USIA
●REA STORY, THE	USDA
●RELUCTANT WORLD POWER, THE	USDS
●REPORT ON RURAL TELEPHONE SERVICE	USDA
SEVENTH FLEET, THE	USN
STORY OF THE GREAT LAKES	USCG
THEODORE ROOSEVELT, AMERICAN	USDOD
●TWO WORLDS-TWENTY YEARS	NATO
UNITED STATES ARRIVING	USN
●WHY NATO	USDOD
●WINTER OLYMPICS	USDA
●WORLD AT WAR	USOWIO

VIETNAM WAR

AIR POWER IN ACTION - THE U S AIR FORCE IN VIETNAM	USAF
AMERICAN NAVY IN VIETNAM	USN
BATTLE, THE	USN
DAY IN VIETNAM, A	USMC
●EAGLE EYE BRAVO	USMC
FULL BLADE	USMC
GENTLE HAND, THE	USN
MARINES, 1965	USMC
NGUNG LAI	USCG
OTHER VIETNAM, THE	USAID
SMALL BOAT NAVY, THE	USN
●WHY VIETNAM	USDOD

WORLD WAR I

AEF IN SIBERIA	USA
AIR FORCE STORY, THE - THE BEGINNING	USAF
AIR FORCE TACTICAL FIREPOWER	USAF
MEDAL OF HONOR - ACE OF ACES	USAF
PLOW THAT BROKE THE PLAINS, THE	USDA
●RELUCTANT WORLD POWER, THE	USDS
THIRTY-SECOND INFANTRY DIVISION	USA
THIRTY-SIXTH INFANTRY DIVISION	USA
TRIBUTE TO PRESIDENT HERBERT CLARK HOOVER, A, 1874-1964	USDOD
WORLD WAR I OVERSEAS FLIERS REUNION	USAF

WORLD WAR II

ADMIRALTY ISLANDS, THE	USA
AIR FORCE STORY, THE - AIR WAR AGAINST JAPAN, 1944-1945	USAF
AIR FORCE STORY, THE - D-DAY, JUNE 1944	USAF
AIR FORCE STORY, THE - EXPANDING AIR POWER, JUNE 1943	USAF
AIR FORCE STORY, THE - GLOBAL OPERATIONS, 194	USAF
AIR FORCE STORY, THE - MAXIMUM EFFORT, OCTOBER 1943	USAF
AIR FORCE STORY, THE - NORTH AFRICA, NOVEMBER 1942-MAY 1943	USAF
AIR FORCE STORY, THE - OUR WORLD-WIDE AIR FORCE, 1953-1959 (VOL 2, CHAP 5)	USAF
AIR FORCE STORY, THE - PLOESTI, MARCH-AUGUST 1944	USAF
AIR FORCE STORY, THE - PRELUDE TO INVASION, JANUARY-JUNE 1944	USAF
AIR FORCE STORY, THE - PRELUDE TO WAR, 1937-1939	USAF
AIR FORCE STORY, THE - RETREAT AND ADVANCE, JUNE 1944-MARCH 1945	USAF
AIR FORCE STORY, THE - ROAD TO ROME, SEPTEMBER 1943-JUNE 1944	USAF
AIR FORCE STORY, THE - SCHWEINFURT AND REGENSBURG, AUGUST 1943	USAF
AIR FORCE STORY, THE - SUPERFORT, AUGUST 1943-JUNE 1944	USAF
AIR FORCE STORY, THE - THE AAF FIGHTS BACK, APRIL-JULY 1942	USAF
AIR FORCE STORY, THE - THE AIR FORCE AND THE ATOM BOMB (VOL 2, CHAP 1)	USAF
AIR FORCE STORY, THE - THE AIR WAR STARTS, 1939-1941	USAF
AIR FORCE STORY, THE - THE DRAWING OF THE BATTLE LINES, DECEMBER 1941 TO APRIL 1942	USAF
AIR FORCE STORY, THE - THE TIDE TURNS, JUNEJUNE-DECEMBER 1942	USAF
AIR FORCE STORY, THE - TWO YEARS OF WAR, SEPTEMBER-DECEMBER 1943	USAF
AIR FORCE STORY, THE - VICTORY IN EUROPE, JUNE 1944-MAY 1945	USAF
ALONG OUR SHORES	USCG
AMERICAN FIRST ARMY - AACHEN TO THE ROER RIVER	USA
AMERICAN NINTH ARMY - AACHEN TO THE ROER RIVER	USA
AWAY BOARDERS	USN
●BACKGROUND TO BERLIN	NATO
BATTLE OF BRITAIN, THE	USWD
BATTLE OF CHINA, THE	USWD
BATTLE OF SAN PIETRO, THE	USA
BATTLE OF THE LEYTE, THE	USA
BEACHHEAD - ANZIO	USA
BIG WHEEL, THE	USA
BOUGAINVILLE	USA
CLIMB TO GLORY, PT 1	USA
CLIMB TO GLORY, PT 2	USA
COMMAND DECISION - THE INVASION OF SOUTHERN FRANCE	USA
D-DAY CONVOY	USA
DAY TOMORROW BEGAN, THE	USAEC
DEFENSE OF ANTWERP AGAINST THE V-1	USA
DIVIDE AND CONQUER	USWD
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● INDICATES NEW ENTRY

HISTORY

WORLD WAR II – *(Continued)*

FAMOUS THIRD ARMY, THE	USA
FIGHT FOR THE SKY, THE	USAF
FIGHTING FIRST, THE	USA
FOR ALL THE PEOPLE - THE HARRY S TRUMAN LIBRARY	USNLT
FURY IN THE PACIFIC	USN
HELL FOR LEATHER	USA
HELL ON WHEELS	USA
INVASION OF SOUTHERN FRANCE	USA
MEDAL OF HONOR - A TEAM MAN	USAF
MEDAL OF HONOR - ONE MAN AIR FORCE	USAF
MEDAL OF HONOR - ONLY A FEW RETURNED	USAF
MEDAL OF HONOR - SEVEN DOWN	USAF
MEDAL OF HONOR - TRIAL BY FIRE	USAF
MEDAL OF HONOR - WITH ONE HAND	USAF
*MEMPHIS BELLE	USAF
MIRACLE IN THE DESERT - THE STORY OF HANFORD	USAEC
NAPLES TO CASSINO	USA
NAZIS STRIKE, THE	USWD
NORMANDY INVASION	USCG
ON FOREIGN SHORES	USCG
PARIS '44	USA
PAYOFF IN THE PACIFIC, PT 1	USA
PAYOFF IN THE PACIFIC, PT 2	USA
PLACE IN HISTORY, A	USNLE
PRELUDE TO WAR	USWD
*RELUCTANT WORLD POWER, THE	USDS
SEA POWER IN THE PACIFIC	USN
STILLWELL ROAD, THE	USA
STORY OF THE BLACK CATS, THE	USN
THIRTY-SECOND INFANTRY DIVISION	USA
THIRTY-SIXTH INFANTRY DIVISION	USA
*THUNDERBOLT	USAF
TRIBUTE TO PRESIDENT HERBERT CLARK HOOVER, A, 1874-1964	USDOD
*TWO WORLDS-TWENTY YEARS	NATO
WAR COMES TO AMERICA	USWD
*WE, THE JAPANESE PEOPLE	USA
WHY WE FIGHT--A SERIES	USWD
*WORLD AT WAR	USOWIO

1783 TO 1860

*AGE OF REVOLUTIONS, AN	USDS
NAVAL WARS WITH FRANCE AND TRIPOLI, THE	USN
TOM SCHULER, COBBLER STATESMAN	USIA
WAR OF 1812, THE	USN
WORLD WIDE NAVAL OPERATIONS IN PEACE AND WAR, 1815-1860	USN

HUMANITIES

BIOGRAPHY

*AFTER THE ACCIDENT	USSRS
*AIR FORCE NOW, THE, NO. 07	USAF
AIR POWER AND THE MAN	USAF
*BEYOND THIS WINTER'S WHEAT	USIA
CHARLEY RUSSELL'S FRIENDS	USIA
*COWBOY	USIA
*COWBOY LEGEND	USIA
*DR. DRAGSTEDT	USNMAC
*DR. HASTINGS	USNMAC
*DR. HUGGINS	USNMAC
*DR. MCDERMOTT	USNMAC
*DR. WANGENSTEEN	USNMAC
*DR. WOOD	USNMAC
DREAM THAT WOULDN'T DOWN, THE	USNASA
FACES OF AMERICA	USIA
FOR ALL THE PEOPLE - THE HARRY S TRUMAN LIBRARY	USNLT
*GLASS WALL, THE	USSRS
IMPRESSION OF JOHN STEINBECK, AN - WRITER	USIA
*INAUGURATION OF JOHN F KENNEDY - 35TH PRESIDENT OF THE UNITED STATES	USIA
JOHN GLENN STORY, THE	USNASA
JOHN J PERSHING	USDOD
JOURNAL OF PLUTONIUM, A	USAEC
*LEONARDO - TO KNOW HOW TO SEE	USNGA
MACARTHUR STORY, THE	USDOD
MAMO OF COLBY	USIA
*MAN AND A RIVER, A	USEPA
MEDAL OF HONOR - A TEAM MAN	USAF
MEDAL OF HONOR - ACE OF ACES	USAF
MEDAL OF HONOR - BURNING PLOESTI OIL	USAF
MEDAL OF HONOR - HEADING HOME	USAF
MEDAL OF HONOR - ONE MAN AIR FORCE	USAF
MEDAL OF HONOR - ONLY A FEW RETURNED	USAF
MEDAL OF HONOR - PACIFIC ACE	USAF
MEDAL OF HONOR - SEVEN DOWN	USAF
MEDAL OF HONOR - TRIAL BY FIRE	USAF
MEDAL OF HONOR - WITH ONE HAND	USAF
MEN WITH GREEN FACES	USN
*OLD YOUNG MAN	USIA
ONE MAN - DR DE BAKEY	USIA
ONE MAN - DR ROBERT SIMPSON	USIA
ONE MAN - FLOYD HYDE	USIA
ONE MAN - HAYES JONES	USIA
ONE MAN - JOSE GONZALES	USIA
ONE MAN - LYN MCLAIN	USIA
ONE MAN - REVEREND LEON SULLIVAN	USIA
ONE MAN - WALTER SPIEL	USIA
PERSHING	USA
PERSHING STORY, THE	USA
PHOTOGRAPHER, THE	USDS
PLACE IN HISTORY, A	USNLE
REPRIEVE	USNMAC
ROBERT FROST	USIA
SHIPBUILDERS OF ESSEX	USDS
SWEDES IN AMERICA	USOWIO
TEACHING MACHINES AND SIDNEY PRESSEY	USOE
THEODORE ROOSEVELT, AMERICAN	USDOD
TRIBUTE TO PRESIDENT HERBERT CLARK HOOVER, A, 1874-1964	USDOD
VOICE IN THE CITY, A	USIA
*WHITE CLOUD, THE - THE TRUCK OF JOE MADRID	USIA

DRAMA

*VIEWPOINT	USDA

ENGLISH

ABC'S OF BRIEFING, THE	USAF
ARMY EFFECTIVE WRITING, PT 1, SHORTNESS	USA
ARMY EFFECTIVE WRITING, PT 2, SIMPLICITY	USA
ARMY EFFECTIVE WRITING, PT 3, STRENGTH	USA
ARMY EFFECTIVE WRITING, PT 4, SINCERITY	USA
EFFECTIVE BRIEFING	USAF
ENGLISH HIGH SCHOOL, AN	USBEH
ORGANIZATION AND MECHANICS OF WRITING	USAF
POINT OF VIEW	USOE

* INDICATES NEW ENTRY

ENGLISH – *(Continued)*

PRINCIPLES OF PAPERWORK MANAGEMENT		USN
PRINCIPLES OF PAPERWORK MANAGEMENT-MANAGING YOUR FORMS		USN
PRINCIPLES OF PAPERWORK MANAGEMENT--MANAGING YOUR REPORTS		USN
TEACHING ENGLISH CONVERSATION		USIA
TEACHING ENGLISH GRAMMAR		USIA
TEACHING ENGLISH PRONUNCIATION		USIA
TEACHING ENGLISH SPEECH		USIA

FINE ARTS

A + SCHOOL, THE		USOCD
AIR FORCE ON CANVAS, THE		USAF
ART OF THE REAL, THE		USIA
ART SCENE, U S A		USIA
ARTS OF JAPAN		USIA
ASIAN ARTISTS IN CRYSTAL		USIA
CERAMICS IN SPACE		USNASA
●FIRST WORLD FESTIVAL OF NEGRO ARTS		USIA
●IN SIGHT OF THE GIANT STEPS	FS	USNASA
●INDIAN FOR A CHANGE		USDL
●LEONARDO - TO KNOW HOW TO SEE		USNGA
LIBRARIES WITHOUT BARS		USA
●MEN OF THE SEA		USN
ODE TO JOY		USOE
ORIGINS OF THE MOTION PICTURE		USN
PERFORMING ARTS, THE		USIA
PHOTOGRAPHER, THE		USDS
PRINTMAKERS		USIA
●REACH FOR THE MOON AND TOUCH A STAR	FS	USNASA
SLANTING		USOCD

LANGUAGES

●AMHARIC - BASIC COURSE, UNITS 1-50	RT	USFSI
AMHARIC - BASIC COURSE, UNITS 1-50	RT	USFSI
●AMHARIC - BASIC COURSE, UNITS 51-60 AND READER GLOSSARY	RT	USFSI
AMHARIC - BASIC COURSE, UNITS 51-60 AND READER GLOSSARY	RT	USFSI
●ARABIC - LEVENTINE, INTRODUCTION TO PRONUNCIATION	RT	USFSI
●ARABIC - LEVENTINE, INTRODUCTION TO PRONUNCIATION	RT	USFSI
●ARABIC - MODERN WRITTEN	RT	USFSI
●ARABIC - MODERN WRITTEN	RT	USFSI
BEGINNING JAPANESE, PT 1	RT	USFSI
●BEGINNING JAPANESE, PT 1	RT	USFSI
●BEGINNING JAPANESE, PT 2	RT	USFSI
BEGINNING JAPANESE, PT 2	RT	USFSI
BULGARIAN - BASIC COURSE, UNITS 1-15	RT	USFSI
●BULGARIAN - BASIC COURSE, UNITS 1-15	RT	USFSI
BULGARIAN - BASIC COURSE, UNITS 16-30	RT	USFSI
●BULGARIAN - BASIC COURSE, UNITS 16-30	RT	USFSI
CAMBODIAN - BASIC COURSE, UNITS 1-45	RT	USFSI
●CAMBODIAN - BASIC COURSE, UNITS 1-45	RT	USFSI
●CAMBODIAN - BASIC COURSE, UNITS 46-90	RT	USFSI
*CAMBODIAN - BASIC COURSE, UNITS 46-90	RT	USFSI
*CANTONESE - BASIC COURSE, UNITS 1-15	RT	USFSI
*CANTONESE - BASIC COURSE, UNITS 1-15	RT	USFSI
*CANTONESE - BASIC COURSE, UNITS 16-30	RT	USFSI
*CANTONESE - BASIC COURSE, UNITS 16-30	RT	USFSI
*CHINYANJA - BASIC COURSE	RT	USFSI
CHINYANJA - BASIC COURSE	RT	USFSI
*DARI - AFGAN PERSIAN - BASIC COURSE, UNITS 1 - 60	RT	USFSI
*DARI - AFGAN PERSIAN - BASIC COURSE, UNITS 1 - 60	RT	USFSI
ELEMENTARY EDUCATION		USBEH
*FINNISH - BASIC COURSE	RT	USFSI
FINNISH - BASIC COURSE	RT	USFSI
*FINNISH - GRADED READER	RT	USFSI
FINNISH - GRADED READER	RT	USFSI
FINNISH - PRONUNCIATION AND READINGS	RT	USFSI
*FINNISH - PRONUNCIATION AND READINGS	RT	USFSI
FOREIGN LANGUAGE LEARNING IN OUR SCHOOLS - A REPORT ON RESULTS ACHIEVED BY STARTING IN		USOE
FRENCH - BASIC COURSE, UNITS 1-12	RT	USFSI
*FRENCH - BASIC COURSE, UNITS 1-12	RT	USFSI
*FRENCH - BASIC COURSE, UNITS 13-24	RT	USFSI
FRENCH - BASIC COURSE, UNITS 13-24	RT	USFSI
*FULA - BASIC COURSE	RT	USFSI
*FULA - BASIC COURSE	RT	USFSI
*GERMAN - A PROGRAMMED INTRODUCTION	RT	USFSI
*GERMAN - A PROGRAMMED INTRODUCTION	RT	USFSI
GERMAN - BASIC COURSE, UNITS 1-12	RT	USFSI
*GERMAN - BASIC COURSE, UNITS 1-12	RT	USFSI
GERMAN - BASIC COURSE, UNITS 13-24	RT	USFSI
*GERMAN - BASIC COURSE, UNITS 13-24	RT	USFSI
GREEK - BASIC COURSE, VOL 1	RT	USFSI
*GREEK - BASIC COURSE, VOL 1	RT	USFSI
*GREEK - BASIC COURSE, VOL 2	RT	USFSI
GREEK - BASIC COURSE, VOL 2	RT	USFSI
*GREEK - BASIC COURSE, VOL 3	RT	USFSI
GREEK - BASIC COURSE, VOL 3	RT	USFSI
GROWTH OF A LANGUAGE - AMERICAN ENGLISH		USIA
HAUSA - BASIC COURSE	RT	USFSI
*HAUSA - BASIC COURSE	RT	USFSI
HEBREW - BASIC COURSE	RT	USFSI
*HEBREW - BASIC COURSE	RT	USFSI
*HUNGARIAN - BASIC COURSE, UNITS 1-12	RT	USFSI
HUNGARIAN - BASIC COURSE, UNITS 1-12	RT	USFSI
*HUNGARIAN - BASIC COURSE, UNITS 13-24	RT	USFSI
HUNGARIAN - BASIC COURSE, UNITS 13-24	RT	USFSI
*HUNGARIAN - GRADED READER	RT	USFSI
HUNGARIAN - GRADED READER	RT	USFSI
IGBO - BASIC COURSE	RT	USFSI
*IGBO - BASIC COURSE	RT	USFSI
IN THE NATIONAL INTEREST		USOE

● INDICATES NEW ENTRY

HUMANITIES

LANGUAGES – *(Continued)*

KIRUNDI - BASIC COURSE	RT	USFSI
*KIRUNDI - BASIC COURSE	RT	USFSI
*KITUBA - BASIC COURSE	RT	USFSI
KITUBA - BASIC COURSE	RT	USFSI
*KOREAN - BASIC COURSE, VOL 1	RT	USFSI
KOREAN - BASIC COURSE, VOL 1	RT	USFSI
KOREAN - BASIC COURSE, VOL 2	RT	USFSI
*KOREAN - BASIC COURSE, VOL 2	RT	USFSI
*LANGUAGE POWER FOR PEACE		USA
*LINGALA - BASIC COURSE	RT	USFSI
LINGALA - BASIC COURSE	RT	USFSI
LUGANDA - BASIC COURSE	RT	USFSI
*LUGANDA - BASIC COURSE	RT	USFSI
*MORE - BASIC COURSE	RT	USFSI
MORE - BASIC COURSE	RT	USFSI
*SERBO - CROATIAN - BASIC COURSE, UNITS 1-25	RT	USFSI
SERBO - CROATIAN - BASIC COURSE, UNITS 1-25	RT	USFSI
*SERBO - CROATIAN - BASIC COURSE, UNITS 26-50	RT	USFSI
SERBO - CROATIAN - BASIC COURSE, UNITS 26-50	RT	USFSI
*SHONA - BASIC COURSE	RT	USFSI
*SHONA - BASIC COURSE	RT	USFSI
*SPANISH - BASIC COURSE, UNITS 1-15	RT	USFSI
SPANISH - BASIC COURSE, UNITS 1-15	RT	USFSI
SPANISH - BASIC COURSE, UNITS 16-30	RT	USFSI
*SPANISH - BASIC COURSE, UNITS 16-30	RT	USFSI
*SPANISH - BASIC COURSE, UNITS 31-45	RT	USFSI
SPANISH - BASIC COURSE, UNITS 31-45	RT	USFSI
SPANISH - BASIC COURSE, UNITS 46-55	RT	USFSI
*SPANISH - BASIC COURSE, UNITS 46-55	RT	USFSI
*SPANISH - FROM SPANISH TO PORTUGESE	RT	USFSI
*SPANISH - FROM SPANISH TO PORTUGESE	RT	USFSI
SPANISH - PROGRAMMATIC, VOL 1	RT	USFSI
*SPANISH - PROGRAMMATIC, VOL 1	RT	USFSI
*SPANISH - PROGRAMMATIC, VOL 2	RT	USFSI
*SPANISH - PROGRAMMATIC, VOL 2	RT	USFSI
*SWAHILI - ACTIVE INTRODUCTION, GENERAL CONVERSATION	RT	USFSI
SWAHILI - ACTIVE INTRODUCTION, GENERAL CONVERSATION	RT	USFSI
SWAHILI - ACTIVE INTRODUCTION, GEOGRAPHY	RT	USFSI
*SWAHILI - ACTIVE INTRODUCTION, GEOGRAPHY	RT	USFSI
*SWAHILI - BASIC COURSE	RT	USFSI
SWAHILI - BASIC COURSE	RT	USFSI
*SWEDISH - BASIC COURSE, UNITS 1-30	RT	USFSI
*SWEDISH - BASIC COURSE, UNITS 1-30	RT	USFSI
*THAI - BASIC COURSE, VOL 1	RT	USFSI
*THAI - BASIC COURSE, VOL 1	RT	USFSI
*THAI - BASIC COURSE, VOL 2	RT	USFSI
*THAI - BASIC COURSE, VOL 2	RT	USFSI
TO SPEAK WITH FRIENDS		USOE
TURKISH - BASIC COURSE, UNITS 1-30	RT	USFSI
*TURKISH - BASIC COURSE, UNITS 1-30	RT	USFSI
*TWI - BASIC COURSE	RT	USFSI
TWI - BASIC COURSE	RT	USFSI
VIETNAMESE - BASIC COURSE, VOL 1, GUIDE TO PRONUNCIATION, LESSONS 1-10	RT	USFSI
*VIETNAMESE - BASIC COURSE, VOL 1, GUIDE TO PRONUNCIATION, LESSONS 1-10	RT	USFSI
*VIETNAMESE - BASIC COURSE, VOL 2, LESSONS 11 - 15	RT	USFSI
VIETNAMESE - BASIC COURSE, VOL 2, LESSONS 11 - 15	RT	USFSI
*YORUBA - BASIC COURSE	RT	USFSI
YORUBA - BASIC COURSE	RT	USFSI
*YORUBA - INTERMEDIATE TEXTS	RT	USFSI
*YORUBA - INTERMEDIATE TEXTS	RT	USFSI

PHILOSOPHY AND RELIGION

CHAPLAIN AND THE COMMANDER, THE	USA
*CHAPLAIN AND THE COMMANDER, THE	USA
FOR THOU ART WITH ME	USN
WASHINGTON MOSQUE, THE	USIA

INDUSTRIAL ARTS

AUTOMOTIVE MAINTENANCE

*AIR BRAKES - PRINCIPLES OF OPERATION	USA
AUTOMOBILE ELECTRICITY FOR MILITARY VEHICLES, PT 2, PRINCIPLES OF OPERATION OF THE GENE	USA
AUTOMOTIVE ELECTRICITY FOR MILITARY VEHICLES, PT 3, PRINCIPLES OF THE STARTING MOTOR	USA
AUTOMOTIVE ELECTRICITY FOR MILITARY VEHICLES, PT 4, THE IGNITION CIRCUIT	USA
AUTOMOTIVE TROUBLE SHOOTING, PT 2, ENGINE TUNE-UP	USA
BATTERY, IGNITION AND ELECTRICAL SYSTEM, THE	USOE
BUS CARE AND MAINTENANCE	USOE
CARBURETOR, PRINCIPLES OF OPERATION	USA
CLUTCH AND HAND BRAKE, THE	USOE
COOLING SYSTEM AND FUEL SYSTEM, THE	USOE
ENGINE ASSEMBLY	USOE
ENGINE ASSEMBLY (SPANISH)	USOE
ENGINE TESTS AND TUNE UP	USOE
FLUID COUPLING, THE - PRINCIPLES OF OPERATION	USA
HYDRAULIC BRAKE SYSTEM, THE	USOE
HYDRAULIC CONTROLS IN THE HYDRAMATIC TRANSMISSION	USA
HYDRAULIC STEERING, PRINCIPLES OF OPERATION	USA
INSPECTING AND ADJUSTING HYDRAULIC BRAKES	USOE
INTRODUCTION TO PREVENTIVE MAINTENANCE	USOE
KEEPING YOUR CAR FIT	USOE
KNOW YOUR CAR	USOE
OPERATION OF THE GM UNIT INJECTORS	USA
PERIODIC CHECK-UP, THE	USOE
STEERING, WHEELS, FRONT AND REAR AXLES	USOE
SUPERCHARGING AND FUEL INJECTION	USA
TRANSMISSION, DRIVE SHAFT, AND DIFFERENTIAL	USOE
TROUBLE SHOOTING YOUR CAR	USOE
VEHICLE MAINTENANCE STORY, THE	USPO

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* INDICATES NEW ENTRY

BLACKSMITHING

BLACKSMITH, THE - CALCULATING AND BENDING RINGS AND LINKS, THE	USN
BLACKSMITH, THE - CALCULATING AND FORGING A DECK SOCKET WRENCH	USN

BORING MACHINE

FACE MILLING WITH A FIXTURE	USOE
ROUGH LINE-BORING	USOE
ROUGH-FACING, BORING, AND TURNING A SHOULDER	USOE
ROUGH-FACING, TURNING, AND DRILLING	USOE
SETUP FOR FACE MILLING WITH A FIXTURE	USOE
SETUP FOR ROUGH LINE-BORING	USOE

BROACHING MACHINE

BROACHING AN INTERNAL KEYWAY	USOE
DOUBLE RAM VERTICAL SURFACE BROACHING	USOE
SINGLE RAM VERTICAL SURFACE BROACHING	USOE

CONSTRUCTION

AASHO ROAD TEST - CONSTRUCTION AND MATERIALS	USFHWA
AASHO ROAD TEST - PAVEMENT RESEARCH	USFHWA
AASHO ROAD TEST - THE ROAD TO BETTER ROADS	USFHWA
ADVANCE BASE WATERFRONT CONSTRUCTION - TIMBER PIERS	USN
*ALL WEATHER WOOD FOUNDATIONS	USDA
*AT HOME WITH WOOD	USDA
*BLOCK THAT TERMITE	USDA
BONDED THIN CONCRETE RESURFACING	USAF
*CARE AND USE OF A PERMISSIBLE FLAME SAFETY LAMP, THE	USBM
CARPENTRY, PT 02, CHOPPING AND DRIVING TOOLS	USA
CARPENTRY, PT 03, SAWING AND BORING TOOLS	USA
CARPENTRY, PT 04, PLANING AND CHISELING TOOLS	USA
*CLIMBING AND WORKING ON POLES	USA
CONSTRUCTING A SANITARY PIT PRIVY	USNMAC
CONSTRUCTING A TYPICAL HOUSEHOLD SYSTEM	USNMAC
CONSTRUCTION OF DIESEL ENGINES, THE	USN
CONSTRUCTION OF THE ARGONNE RESEARCH REACTOR	USAEC
CONSTRUCTION OF THE EXPERIMENTAL BOILING WATER REACTOR	USAEC
*DESIGN AND CONTROL OF CONCRETE MIXES	USFHWA
*DRYER DRUM PROCESS	USFHWA
DUAL-DRUM PAVER PRODUCTIVITY	USFHWA
*ERECTING LARGE POLES	USA
ESTABLISHING CONSTRUCTION LINES, PT 1	USN
ESTABLISHING CONSTRUCTION LINES, PT 2	USN
FOUNDATIONS AND CONCRETE	USN
FRAMING - FLOOR JOISTS AND WALLS	USN
FRAMING - HIP AND VALLEY RAFTERS	USN
FRAMING - RAFTER PRINCIPLES AND COMMON RAFTERS	USN
FUNDAMENTALS OF STAIR LAYOUT	USN
*HARVEST OF COOPERATION	USDA
HIGHWAY BRIDGE RESEARCH	USFHWA
HIGHWAY SOIL ENGINEERING	USFHWA
INTERIOR AND EXTERIOR TRIM	USN
INTRODUCTION TO HIGHWAY HYDRAULICS	USFHWA
*KNOCK AT THE DOOR	USFHWA
LET NATURE WORK FOR YOU	USFHWA
LEVEES ON THE LOWER MISSISSIPPI	USAE
LICENSE PLATE TRAFFIC SURVEY	USFHWA
*LONGER LIFE FOR WOOD	USDA
LOST MIXING TIME ON DUAL-DRUM PAVER	USFHWA
LOST PRODUCTION IN HIGHWAY CONSTRUCTION	USFHWA
*MECHANIZED TRAIL EQUIPMENT	USDA
*MUDJACKING CONCRETE PAVEMENT	USAF
*NAVIGATION RETURNS TO THE ARKANSAS	USAE
*PLAN FOR SURVIVAL	USBM
POLE LINE CONSTRUCTIO, PT 3, ERECTING POLES AND ATTACHING CROSSARMS	USA
POWER SHOVEL PRODUCTIVITY	USFHWA
PRECAST CONCRETE BRIDGE	USFHWA
*PRESTRESSED CONCRETE PAVEMENT CONSTRUCTION	USFHWA
PUBLIC WORKS AND PUBLIC UTILITIES--CONTROL OF CORROSION BY CATHODE PROTECTION	USN
REPAINTING A FRAME BUILDING	USOE
RESTLESS RIVER	USAE
RIGHT-OF-WAY FOR HIGHWAYS	USFHWA
*ROCK BOLTING IN ORE MINES	USBM
*ROOF BOLTING IN COAL MINES	USBM
SAFETY IN HIGHWAY SURVEYING	USFHWA
SAND DRAINS	USFHWA
SKID CORRELATION STUDY	USFHWA
SPUR DIKES	USFHWA
SUBMARINE, PT 2, CONSTRUCTION, THE	USN
TENNESSEE BRIDGE TEST	USFHWA
THOUSAND-MILE MIRACLE	USAE
UNDER WAY	USAEC

DRILL PRESS

COUNTERSINKING, COUNTERBORING AND SPOT FACING	USOE
DRILL PRESS, THE	USOE
DRILLING A HOLE IN A PIN	USOE
DRILLING A WELL BY THE PERCUSSION METHOD	USNMAC
DRILLING AND TAPPING CAST STEEL	USOE
DRILLING TO A LAYOUT AND SPOTFACING CAST IRON	USOE
DRILLING, BORING, AND REAMING WORK HELD IN CHUCK	USOE
DRILLING, TAPPING, STUB-BORING AND REAMING	USOE
LOCATING HOLES, DRILLING AND TAPPING IN CAST IRON	USOE

ELECTRICAL WORKS AND ELECTRONICS

BASIC CIRCUIT SYMBOLS AND COMPONENTS - BATTERY CIRCUITS	USAF
CABLE SURFACE WIRING	USOE

* INDICATES NEW ENTRY

INDUSTRIAL ARTS

ELECTRICAL WORKS AND ELECTRONICS – *(Continued)*

*CLIMBING AND WORKING ON POLES	USA
*CONTACT THAT KILLS	USBM
DC MOTOR, PT 1, MECHANICAL OVERHAUL	USOE
DC MOTOR, PT 2, REWINDING	USOE
DIRECT CURRENT CONTROLLERS	USOE
ELECTRICAL CIRCUIT FAULTS	USOE
*ELECTRICAL EQUIPMENT - MASTER OR SERVANT	USBM
*ERECTING LARGE POLES	USA
*HOUSEHOLD APPLIANCE REPAIRMAN	USDLMP
INSTALLING AND CONNECTING TELLTALE PANEL	USOE
INSTALLING CONDUIT	USOE
INSTALLING SURFACE METAL RACEWAY	USOE
JOINING SOLID CONDUCTORS	USOE
LAYING OUT AND INSTALLING MAIN WIREWAY	USOE
*LOADING AND UNLOADING POLES	USA
LUBRICATION OF ELECTRONIC EQUIPMENT	USN
MECHANICAL OPERATION OF THE MODEL 28 TELETYPEWRITER - AUTOMATIC TYPER SELECTING	USN
MECHANICAL OPERATION OF THE MODEL 28 TELETYPEWRITER - FUNCTION MECHANISM	USN
MECHANICAL OPERATION OF THE MODEL 28 TELETYPEWRITER - KEYBOAD TRANSMITTING MECHANISM	USN
MECHANICAL OPERATION OF THE MODEL 28 TELETYPEWRITER-TYPE BOX POSITIONING MECHANISM	USN
ONE HUNDRED FIFTEEN - DEADLY SHIPMATE	USN
OPEN WIRE TRANSPOSITION SYSTEMS	USA
POLE LINE CONSTRUCTIO, PT 3, ERECTING POLES AND ATTACHING CROSSARMS	USA
PORCELAIN PROTECTED SURFACE WIRING	USOE
POWER BENDING CONDUIT	USOE
PREPARING OLD BUILDINGS FOR WIRING	USOE
PREVENTIVE MAINTENANCE OF SIGNAL EQUIPMENT FOR COMMANDERS	USA
PRINTED CIRCUITS AND THEIR REPAIR	USAF
PULLING AND INSTALLING CABLE AND PACKING TERMINAL TUBES	USOE
RADIO SHOP TECHNIQUES	USN
RECEIVER TROUBLESHOOTING PROCEDURE	USAF
REPULSION-INDUCTION MOTOR - GENERAL OVERHAUL	USOE
RESISTORS - CONSTRUCTION	USAF
ROUGHING-IN NONMETALLIC SHEATHED CABLE	USOE
SERIES RESISTIVE CIRCUITS - TROUBLESHOOTING	USAF
SOLDERING LUGS AND SPLICING STRANDED CONDUCTORS	USOE
*SPARK ARRESTER INSPECTION	USDA
SYNCHROSCOPE	USAF
THREE-WIRE SERVICE ENTRANCE	USOE
TT-47/UG TELETYPEWRITER - PREVENTIVE MAINTENANCE	USN
USE OF THE OSCILLOSCOPE	USAF
VOLT OHMMETER OPERATION	USN
WIRING OLD BUILDING WITH ARMORED CABLE	USOE
WIRING TELLTALE PANEL	USOE

ENGINEERING

*DRYER DRUM PROCESS	USFHWA
*ERECTING LARGE POLES	USA
OIL GEAR HYDRAULIC TRAVERSING MECHANISM, THE - PRINCIPLES OF OPERATION	USA
PRINCIPLES OF OPERATION AND DESIGN	USNMAC
*ST MARY'S BRIDGE TEST	USFHWA
TENNESSEE BRIDGE TEST	USFHWA
WHY ENGINES ARE GOVERNED	USA
X-RAY INSPECTION	USOE

ENGINES AND POWER SYSTEMS

AIR START CHECK VALVE, CYLINDER RELIEF VALVE, AND INDICATOR COCK	USN
BASIC HYDRAULIC GOVERNOR	USN
BEARING DISASSEMBLY AND INSPECTION	USN
BEARING REASSEMBLY	USN
BEARING REMOVAL AND INSPECTION, 8-268A ENGINE	USN
BEARINGS	USN
BEARINGS	USN
BENCHWORK, PT 1	USN
BENCHWORK, PT 2	USN
BENCHWORK, PT 3	USN
BENCHWORK, PT 4	USN
BMEP LIMITER	USN
CONSTRUCTION OF DIESEL ENGINES, THE	USN
CYLINDER HEAD	USN
CYLINDER HEAD AND PISTON	USN
CYLINDER HEAD REMOVAL	USN
DENISON HYDRAULIC PUMPS AND MOTORS-DISASSEMBLY	USN
DIESEL ENGINE FUEL SYSTEMS	USN
DIESEL ENGINE GOVERNORS, PT 1, - WOODWARD GOVERNORS	USN
DIESEL ENGINE GOVERNORS, PT 2, - GM SERIES 71, LIMITING SPEED MECHANICAL GOVERNORS	USN
DIESEL ENGINE, THE	USN
DIESEL ENGINE, THE - SCAVENGING AND SUPERCHARGING DIESEL ENGINES	USN
DIESEL LUBRICATION AND COOLING SYSTEMS	USN
DIESEL LUBRICATION AND COOLING SYSTEMS - LUBRICATION OF THE GM-71 SERIES ENGINES	USN
DISASSEMBLY	USN
DISASSEMBLY OF THE 8-268A ENGINE	USN
DISASSEMBLY, PT 1	USN
DISASSEMBLY, PT 2	USN
ENGINE REASSEMBLY, PT 1	USN
ENGINE REASSEMBLY, PT 2	USN
ENGINE REASSEMBLY, PT 3	USN
FUEL PUMP DISASSEMBLY	USN
FUEL PUMP RECONDITIONING AND REASSEMBLY	USN
GENERAL MOTORS DIESEL ENGINE UNIT INJECTORS-DISASSEMBLY AND REASSEMBLY, MODEL 278	USN
GENERAL MOTORS DIESEL ENGINE UNIT INJECTORS-MAINTENANCE	USN
INJECTION NOZZLE	USN
INJECTOR BLOCK RECONDITIONING AND REASSEMBLY	USN

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* INDICATES NEW ENTRY

INJECTOR BLOCK REMOVAL AND DISASSEMBLY	USN
INJECTOR BLOCK REPLACEMENT AND TIMING	USN
INJECTOR RACK SETTING FOR GM DIESEL SERIES 71 ENGINE	USA
INJECTOR TIMING FOR GM DIESEL SERIES 71, USING 70MM, 80MM AND 90MM INJECTORS	USA
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* INDICATES NEW ENTRY

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* INDICATES NEW ENTRY

INDUSTRIAL ARTS

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MAKING A PATTERN FOR A THREE-PART MOLD	USOE
MAKING A PATTERN REQUIRING A COVER CORE	USOE
MAKING A PATTERN REQUIRING BOX CONSTRUCTION	USOE
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MAKING A PATTERN WITH A HORIZONTAL CORE	USOE
MAKING A PATTERN WITH A TAIL PRINT	USOE
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* INDICATES NEW ENTRY

INDUSTRIAL ARTS

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ADMIRAL BURKE TAKES COMMAND	USN
ATTACK CARRIER - TASK FORCE 1 - SEA ORBIT	USN
COAST GUARD AUXILIARY	USCG
COAST GUARD CUTTERS AROUND THE CONTINENT	USCG
COAST GUARD ICEBREAKERS	USCG
COAST GUARD LIGHTHOUSES	USCG
COASTAL SEARCH AND RESCUE	USCG
COLD WAR CALLUP - THE NAVY'S SELECTED RESERVE	USN
GREYHOUNDS OF THE SEA	USN
*HOOK DOWN, WHEELS DOWN, PTS 1 AND 2	USN
IN A TRADITION OF HEROES	USMC
INTERNATIONAL NAVAL REVIEW	USN
INVASION BY OIL	USAE
LAND THE LANDING FORCE - THE HISTORY OF MARINE AMPHIBIOUS OPERATIONS	USMC
MAN IN THE SEA - STORY OF SEA LAB 2	USN
*MEN OF THE SEA	USN
MEN WITH GREEN FACES	USN
MISSION OCEANOGRAPHY	USN
NAVAL WARS WITH FRANCE AND TRIPOLI, THE	USN
NUCLEAR NAVY, THE	USN
NUCLEAR SHIP SAVANNAH, THE	USAEC
NUCLEAR SHIP SAVANNAH, THE	USAEC
ON FOREIGN SHORES	USCG
ORIGINS OF THE MOTION PICTURE	USN
POLARIS TO POSEIDON	USN
READY - STORY OF THE MARINE CORPS RESERVES	USMC
RISE OF THE SOVIET NAVY, THE	USN
SEA POWER - A DESTINY UPON THE WATERS	USN
SEA POWER - SEAS OF LIBERTY	USN
SEA POWER IN THE PACIFIC	USN
SEAPOWER - PLYMOUTH ROCK TO POLARIS	USN
SEVENTH FLEET, THE	USN
SMALL BOAT NAVY, THE	USN
TAKE 'ER DOWN	USN

MAINTENANCE

BOILER REPAIR, WATER SIDE - CLOSING THE BOILER	USN
BOILER REPAIR, WATER SIDE - INTRODUCTION	USN
BOILER REPAIR, WATER SIDE - REMOVING BOILER TUBES	USN
BOILER REPAIR, WATER SIDE - REPLACING BOILER TUBES	USN
BOILER REPAIRS, FIRE SIDE - BUILDING WALLS AND FLOORS	USN
BOILER REPAIRS, FIRE SIDE - HIGH TEMPERATURE CASTABLE REFRACTORIES	USN
BOILER REPAIRS, FIRE SIDE - INSTALLING PLASTIC CHROME	USN
BOILER REPAIRS, FIRE SIDE - INSTALLING PLASTIC FIRE BRICK	USN
*BOILERS AND THEIR OPERATION - ALKALINITY TEST	USN
*BOILERS AND THEIR OPERATION - BOILER WATER SAMPLING	USN
*BOILERS AND THEIR OPERATION - PHOSPHATE TEST	USN
CONVERSION FROM BLACK OIL TO DIESEL FUEL - NAVY IMPROVED METHOD	USN
CONVERSION FROM BLACK OIL TO GASOLINE - NAVY CHEMICAL METHOD	USN
INSPECTION AND PREPARATORY STEPS	USN
INSPECTION OF PISTON	USN
MAINTENANCE TANK CLEANING - BUTTERWORTH METHOD	USN
MARINE GAS-TURBINE ENGINE - TROUBLE SHOOTING	USN
MERCHANT MARINE SAFETY	USCG

* INDICATES NEW ENTRY

NAVIGATION

*AIDS TO NAVIGATION FOR BOATMEN	USCG
ASTRONOMICAL TRIANGLE, THE	USN
BIG RIVER	USAE
BUOYS AND BEACONS	USN
CHARTS	USN
COAST GUARD CUTTERS AROUND THE CONTINENT	USCG
COAST GUARD IN ALASKA	USCG
COAST GUARD LIGHTHOUSES	USCG
COMPASS SYSTEM, THE	USN
DAY'S WORK OF A NAVIGATOR AT SEA	USN
DAY'S WORK OF A NAVIGATOR IN PILOT WATERS	USN
DEAD RECKONING--PLOTTING, AND CELESTIAL LINES OF POSITION	USN
*FLYING THE WEATHER MAP - WEATHER FOR THE NAVIGATOR	USN
HOW TO USE NAVIGATIONAL AIDS	USN
*ICE	USCG
INVASION BY OIL	USAE
LIGHTHOUSES AND LIGHTSHIPS	USN
LIGHTS, RUNNING AND ANCHOR	USN
NAUTICAL ASTRONOMY	USN
*NAVIGATION RETURNS TO THE ARKANSAS	USAE
NIGHT PILOTING, SURFACE	USN
PILOTING, SURFACE	USN
REAL AND APPARENT MOTIONS	USAF
RELATIVE MOVEMENT, PT 1, - RELATIVE MOVEMENT AND INTERCEPTION	USN
RELATIVE MOVEMENT, PT 2, OUT AND IN SEARCH, RELATIVE WIND	USN
RULES OF THE NAUTICAL ROAD - INTRODUCTION	USN
SPECIAL LIGHTS	USN
STAR IDENTIFICATION	USN
TIME	USN
TOWBOATS A'COMIN'	USAE

RESEARCH

AIRBORNE OCEANOGRAPHY - OCEANOGRAPHER OF THE NAVY	USN
BATHYMETRY - DISCOVERING THE OCEAN FLOOR - CHARTING THE OCEAN BOTTOM	USN
DOLPHINS THAT JOINED THE NAVY, THE	USN
*FILM TACTICS	USN
FOOTPRINTS IN THE SEA	USN
GREYHOUNDS OF THE SEA	USN
MAN IN THE SEA - STORY OF SEA LAB 2	USN
NATURE OF SEA WATER	USN
NAVY AND SCIENCE, THE	USN
NAVY PHOTOGRAPHY IN SCIENCE	USN
NUCLEAR NAVY, THE	USN
OCEAN PHENOMENON - THE DEEP SCATTERING LAYER	USN
OCEANOGRAPHIC PREDICTION SYSTEM	USN
OCEANOGRAPHIC RESEARCH WITH THE COUSTEAU DIVING SAUCER	USN
OCEANOGRAPHY-SCIENCE FOR SURVIVAL	USN
ON THE ICE	USNSF
*OPERATION CROSSROADS	USN
PLANES IN THE SKY, SHIPS IN THE SEA	USN
PORTRAIT OF ANTARCTICA	USN
SCIENTIST IN THE SEA	USN
SEALAB I	USN
*SIXTY DAYS BENEATH THE SEA - TEKTITE I	USN
*SOUNDS ON THE SEA	USN
TALKING WITH DOLPHINS	USN
TIDAL POWER	USAE
TIME LAPSE STUDY OF ANTARCTIC ICE FLOES AND TIDAL CURRENTS	USN
TOWBOATS A'COMIN'	USAE
*UNDERSEA EXPLORER	USN
VIBRATION PROBLEMS IN THE DESIGN OF SHIPBOARD ELECTRONIC EQUIPMENT	USN
WORLD WIDE NAVAL OPERATIONS IN PEACE AND WAR, 1815-1860	USN

RULES OF THE ROAD

BEAVER SELJA INCIDENT, THE	USN
CITY OF ROME INCIDENT	USN
CROSSING AT NIGHT	USN
CROSSING STEAM VESSELS	USN
HALIFAX INCIDENT, THE	USN
LEGAL REQUIREMENTS FOR BOATMEN	USCG
LIGHT, VESSELS BEING TOWED	USN
MEETING AT NIGHT	USN
MEETING STEAM VESSELS	USN
OVERTAKING AT NIGHT	USN
OVERTAKING SITUATION	USN
RULES IN FOG	USN
RULES OF THE NAUTICAL ROAD - INTRODUCTION	USN
RULES OF THE ROAD FOR BOATMEN	USCG
RULES OF THE ROAD, INTERNATIONAL - RESTRICTED VISIBILITY SITUATIONS	USN
RULES OF THE ROAD, INTERNATIONAL - SPECIAL DAYTIME SITUATIONS	USN
RULES OF THE ROAD, INTERNATIONAL - VESSEL CROSSING, DAYTIME	USN
RULES OF THE ROAD, INTERNATIONAL - VESSELS OVERTAKING, DAYTIME	USN
SPECIAL CIRCUMSTANCES	USN
SPECIAL LIGHTS	USN
SPECIAL STEERING AND SAILING RULES	USN
SVEA-NEWPORT INCIDENT, THE	USN
TAURUS-GULF TRADE INCIDENT, THE	USN
TOWING LIGHTS	USN
VARANGER-DORA WEEMS INCIDENT, THE	USN
VISUAL DAY SIGNALS	USN
WHISTLE SIGNALS FOR APPROACHING STEAM VESSELS	USN

SEAMANSHIP

CONVERSION FROM BLACK OIL TO DIESEL FUEL - NAVY IMPROVED METHOD	USN
CONVERSION FROM BLACK OIL TO GASOLINE - NAVY CHEMICAL METHOD	USN
DAMAGE CONTROL - CIVILIAN-MANNED SHIPS	USN
DEEP SEA DIVING - THE TECHNIQUE OF DIVING	USN
DESTROYERMEN	USN
EXPERIMENTAL DIVING UNIT - EVALUATION OF PHYSICAL FITNESS BY THE STEP-UP TEST	USN
FIRST IN COMMAND - THE NAVY SKIPPER	USN

* INDICATES NEW ENTRY

MARINE

SEAMANSHIP — *(Continued)*

LIFEBOATS UNDER GRAVITY DAVITS - LAUNCHING BOATS	USN
LIFEBOATS UNDER GRAVITY DAVITS - RECOVERING BOATS	USN
MAINTENANCE TANK CLEANING - BUTTERWORTH METHOD	USN
MEN WITH GREEN FACES	USN
NAVY STANDARD SWIMMING TEST AND ABANDONING SHIP DRILLS	USN
RIGGING BLOCKS	USN
RIGID AND SWINGING STAGING	USN
SEA POWER - THE SEA IS A SPECIAL PLACE	USN
USE AND CARE OF FIBER ROPE	USN
USE AND CARE OF WIRE ROPE	USN
*USEFUL KNOTS FOR BOATMEN	USCG
WIRE ROPE TERMINAL CONNECTIONS	USN

SEARCH AND RESCUE

ABC WARFARE DEFENSE ASHORE - RESCUE OPERATIONS, LIFTING DEVICES, SHORING	USN
ABC WARFARE DEFENSE ASHORE - RESCUE OPERATIONS, RIGGING, BREACHING WALLS, TUNNELING	USN
*AMVER - LIFESAVING COMPUTER OF THE SEAS	USCG
*AMVER-AUTOMATED MERCHANT VESSEL REPORTS	USCG
COAST GUARD CUTTERS AROUND THE CONTINENT	USCG
COAST GUARD IN ALASKA	USCG
COASTAL SEARCH AND RESCUE	USCG
EIGHT MISSION, THE	USCG
FIREFIGHTING - SAFETY ABOARD TANKERS	USCC
FIREFIGHTING ABOARD TANKERS	USCG
*ICE	USCG
INTERNATIONAL ICE PATROL	USIA
MEETING AT NIGHT	USN
READY ON OCEAN STATION NOVEMBER	USCG
SEARCH AND RESCUE - PLEASURE CRAFT	USCG
SEARCH AND RESCUE - VISUAL ASPECTS OF SEARCH AND SIGNALLING	USN
SHIPBOARD HELICOPTER OPERATIONS - LANDING AND TAKE-OFFS	USN
SHOULD THE DAY EVER COME	USCG
SMALL BOAT NAVY, THE	USN
TIME BOMB IN THE RIVER	USAE
TROPIC SEACOAST SURVIVAL	USAF

SHIPBUILDING

ALIGNING AND INSTALLING AUXILIARY MACHINERY	USOE
BENDING COPPER TUBING TO A WIRE TEMPLATE	USOE
BENDING OAK TECHNIQUES	USN
BLACKSMITH, THE - CALCULATING AND BENDING RINGS AND LINKS, THE	USN
BLACKSMITH, THE - CALCULATING AND FORGING A DECK SOCKET WRENCH	USN
BRAZING FLANGES WITH SILVER SOLDER	USOE
BRAZING FLANGES WITH SPELTER	USOE
BULKHEAD, THE - LAYING OFF AND FITTING A CENTERLINE STIFFENER	USOE
BULKHEAD, THE - LAYING OFF THE BOUNDARY STIFFENERS, WATERLINES, AND BUTTOCK LINES	USOE
BULKHEAD, THE - SETTING A TRANSVERSE WATERTIGHT BULKHEAD INTO THE HULL	USOE
COPPERSMITH, THE - FLARING AND REDUCING	USN
COPPERSMITH, THE - WORKING OUT BRANCHES FROM A LINE	USN
COVERING HOT AND COLD PIPES	USOE
CUTTING AND THREADING PIPE BY HAND	USOE
CUTTING AND THREADING PIPE ON A POWER MACHINE	USOE
DECK GIRDERS - SUBASSEMBLEY	USOE
DECK PLATES - REGULATING AND SETTING	USOE
DECK, THE - SETTING A WEB FRAME AND A TRANSVERSE BEAM	USOE
DOCKING WITH KEEL AND BILGE BLOCKS	USN
ESTABLISHING CONSTRUCTION LINES, PT 1	USN
ESTABLISHING CONSTRUCTION LINES, PT 2	USN
FILING AND INSTALLING CHOCKS	USOE
FITTING AND INSTALLING A SECTION OF PIPE ABOARD SHIP	USN
FITTING TUBE, SHAFT, AND PROPELLER	USOE
FLOATING DRYDOCKS - CAREENING THE YFD-6	USN
FUNDAMENTAL LINES AND SECTIONS	USN
HOW TO CHECK AND SURFACE FOUNDATIONS	USOE
IDENTIFYING AND PRECUTTING CABLE	USOE
INNERBOTTOM SECTIONS - SUBASSEMBLY OF A CLOSED FLOOR, SUBASSEMBLY OF AN OPEN FLOOR	USOE
INNERBOTTOM, THE - SETTING UP FLOORS AND LONGITUDINALS	USOE
INSTALLING AND CONNECTING TELLTALE PANEL	USOE
INSTALLING VALVES AND STRAINER ON SEA CHEST	USOE
INSTALLING VALVES IN ENGINE ROOM SYSTEMS, PT	USOE
INSTALLING VALVES IN ENGINE ROOM SYSTEMS, PT	USOE
INSTALLING VITREOUS FIXTURES	USOE
LAYING OFF BULKHEADS	USOE
LAYING OUT AND INSTALLING COMPARTMENT FIXTURES	USOE
LAYING OUT AND INSTALLING HANGERS	USOE
LAYING OUT AND INSTALLING KICKPIPES AND STUFFING TUBES	USOE
LAYING OUT AND INSTALLING MAIN WIREWAY	USOE
LAYING OUT, DRILLING AND TAPPING FLANGES ON SEA CHEST	USOE
LIFTING TEMPLATES FOR A FOUNDATION	USN
MAKING A COLD BEND ON A HAND POWERED MACHINE	USOE
MAKING A WIRE TEMPLATE	USN
MEASURING PIPE, TUBING AND FITTINGS	USOE
MECHANICAL PACKING ABOARD SHIP	USN
PIPE FABRICATION WITH JIGS	USOE

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* INDICATES NEW ENTRY

PREPARATION FOR DOCKING WITH KEEL AND BILGE BLOCKS		USN
PREPARING AND SETTING A KEELBLOCK AND BOTTOM CRADLE		USOE
PULLING AND INSTALLING CABLE AND PACKING TERMINAL TUBES		USOE
RECIPROCATING PUMP OPENING FOR INSPECTION		USN
RECONDITIONING A CYLINDER WITH A PORTABLE BORING BAR		USN
REMOVING A SECTION OF PIPING ABOARD SHIP		USN
RUNNING A PERMANENT LINE AND BORING		USOE
RUNNING A TEMPORARY LINE		USOE
SHIP'S BLUEPRINTS - BASIC		USN
SHIPBUILDERS OF ESSEX		USDS
SIDE FRAMES - SUBASSEMBLY OF A WEB FRAME		USOE
SIMPLE FOUNDATION, PT 1, LAYOUT		USN
SIMPLE FOUNDATION, PT 2, DUPLICATION AND FABRICATION		USN
SIMPLE FOUNDATION, PT 3, ASSEMBLY AND INSTALLATION		USN

SUBMARINE

ADVENTURES IN INNER SPACE		USN
AWAY BOARDERS		USN
FORTY-ONE FOR FREEDOM - A FLEET IS BUILT		USN
LAND BENEATH THE SEA, THE		USN
MAN AND THE FBM		USN
NAUTILUS CROSSES THE TOP OF THE WORLD, THE		USIA
NUCLEAR NAVY, THE		USN
POLARIS TO POSEIDON		USN
POLARIS, BLUE AND GOLD		USN
SUBMARINE, PT 2, CONSTRUCTION, THE		USN
SUBMARINE, PT 3, DRIVING AND SURFACING, THE		USN
TAKE 'ER DOWN		USN
USS NAUTILUS - OPERATION SUNSHINE		USN
WEAPONEERS OF THE DEEP		USN

MEDICINE

ANATOMY

*BREAST DISEASES, THEIR IMPORTANCE ON YOUR DAILY PRACTICE	SL	USNMAC
CAROTID TRIANGLE		USVA
*CAROTID TRIANGLE, THE		USVA
CHOLERA TODAY - BEDSIDE EVALUATION AND TREATMENT		USNMAC
CLINICAL TONOMETRY		USNMAC
COLOR VISION DEFICIENCIES - DEFINITION AND EVALUATION		USN
DIAGNOSIS OF PANCREATIC DISEASE		USNMAC
DISSECTION OF THE BLOCK OF ORGANS - DISSECTION OF ADRENALS, AORTA, AND ...		USNMAC
DISSECTION OF THE HEART		USNMAC
DISSECTION OF THE MALE PELVIC ORGANS AND KIDNEYS		USNMAC
DISSECTION OF THE PARATHYROID AND THYROID GLANDS		USNMAC
DISSECTION OF THE THORACIC DUCT		USNMAC
EARS, THE		USNMAC
EMBRYOLOGY OF THE LIVER, GALLBLADDER, AND PANCREAS		USA
EYES AND EARS OF THE MEDICAL WORLD, THE		USNMAC
*FEMORAL TRIANGLE	SL	USNMAC
*FEMORAL TRIANGLE (REVIEW VERSION)	SL	USNMAC
FLEXION EXERCISES IN THE MANAGEMENT OF LOWBACK MECHANICAL DISORDERS		USVA
FRACTURES ABOUT THE ELBOW		USVA
FRACTURES ABOUT THE KNEE		USVA
FRACTURES ABOUT THE WRIST AND HAND		USVA
FRACTURES OF THE FEMUR ABOUT THE HIP JOINT		USVA
FRACTURES OF THE HEAD AND SHAFT OF THE HUMERUS		USVA
FRACTURES OF THE LEG AND ANKLE JOINT		USVA
FRACTURES OF THE SHAFT OF THE FEMUR		USVA
FRACTURES OF THE SHAFT OF THE RADIUS AND ULNA		USVA
GLAUCOMA FOR ALL PHYSICIANS		USNMAC
HIGH ALTITUDE, HIGH SPEED, FLIGHT PROBLEMS - PHYSIOLOGICAL EFFECTS		USN
HUMAN BODY		USDIAA
*INCISION AND IRRIGATION OF TRAUMATIC CATARACT		USA
INDENTATION TONOMETRY TECHNIQUE IN GLAUCOMA DETECTION		USNMAC
LABORATORY ASPECT OF DISEASES OF THE TESTICLE, THE		USNMAC
MASSETER, TEMPORAL MUSCLES AND TEMPORAL FASCIA		USVA
MECHANISMS OF THE INTRINSIC MUSCLES OF THE LARYNX		USNMAC
NEW DIAGNOSTIC PROCEDURES IN THE DIAGNOSIS OF PITUITARY DISEASE		USNMAC
NEW IDEAS ABOUT AN OLD DISEASE - DIABETES MELLITUS		USNMAC
NOSE, THE		USNMAC
PAROTID GLAND AND FACIAL NERVE		USVA
PAROTID GLAND AND FACIAL NERVE, THE		USVA
PATHOPHYSIOLOGY OF PANCREATIC INFLAMMATION, THE		USNMAC
PHARYNX TOPOGRAPHICAL ANATOMY, THE		USVA
RADIOTHERAPY - HIGH DOSAGE TREATMENT		USOE
SENSORY CONDUCTION STUDIES - MEDIAN NERVE		USNMAC
SILENT WORLD, MUFFLED WORLD		USNMAC
*SUBCORNEAL PUSTULAR DERMATOSIS		ILDS
SUCTION BIOPSY OF THE GASTROINTESTINAL MUCOSA		USNMAC
TESTIS TUMORS		USNMAC
*VERMILONECTOMY		USA
VISION IN MILITARY AVIATION - ILLUSIONS		USN
VISION IN MILITARY AVIATION - SENSE OF SIGHT		USN
VITAL SIGNS AND THEIR INTERRELATION, THE - BODY TEMPERATURE, PULSE, RESPIRATION...		USOE
VITAL SIGNS, PT 1, CARDINAL SYMPTOMS		USN

ANESTHESIOLOGY

SPECIAL EYE CARE FOR BURNS		USA

* INDICATES NEW ENTRY

BACTERIOLOGY

AIR SAMPLING FOR MICROBIOLOGICAL PARTICULATES		USPHS
AIRBORNE TRANSMISSION OF TUBERCULE BACILLI		USNMAC
*BACK THE ATTACK ON BRUCELLOSIS		USDA
*BRUCELLOSIS RING TEST		USDA
CATALASE TEST, THE		USNMAC
CHOLERA EPIDEMIC IN SOUTH VIETNEM		USNMAC
CHOLERA TODAY - BEDSIDE EVALUATION AND TREATMENT		USNMAC
*CLINICAL MANIFESTATIONS OF LEPROSY	FS	USNMH
DETECTION OF C. BOTULINUM IN FOOD, PT 1. - PREPARATION OF FOOD SAMPLES AND DIRECT		USNMAC
DETECTION OF C. BOTULINUM IN FOOD, PT 2. - MOUSE TOXIN NEUTRALIZATION TEST		USNMAC
DETECTION OF C. BOTULINUM IN FOOD, PT 3. - ISOLATION FROM MIXED CULTURE		USNMAC
DETECTION OF ENTEROPATHOGENIC ESCHERICHIA COLI		USNMAC
DETERMINATION OF TYPES OF C DIPHTHERIAE		USNMAC
*DISSEMINATED ANERGIC LEISHMANIASIS		ILDS
EPIDEMIOLOGY OF SALMONELLOSIS IN MAN AND ANIMAL		USNMAC
EPIDEMIOLOGY OF STAPHYLOCOCCAL INFECTIONS		USNMAC
ERYTHROCYTE TRANSKETOLASE ACTIVITY		USVA
ERYTHROCYTIC STAGES OF PLASMODIUM VIVAX		USNMAC
*EXPOSED		USDA
FILARIASIS IN BRITISH GUIANA		USNMAC
GERMFREE ANIMALS IN MEDICAL RESEARCH		USNMAC
IDENTIFICATION OF EARLY SYPHILIS		USNMAC
IDENTIFICATION OF EARLY SYPHILIS (SPANISH)		USNMAC
INFECTIOUS DIARRHEAS, THE		USNMAC
INFECTIOUS DIARRHEAS, THE (SPANISH)		USPHS
INFECTIOUS HAZARDS OF BACTERIOLOGICAL TECHNIQUES		USNMAC
ISOLATION AND IDENTIFICATION OF BETA HEMOLYTIC STREPTOCOCCI		USNMAC
ISOLATION AND IDENTIFICATION OF ENTERIC BACTERIA		USNMAC
ISOLATION AND IDENTIFICATION OF MYCOPLASMA PNEUMONIA - EATON AGENT		USNMAC
ISOLATION AND IDENTIFICATION OF SALMONELLAE		USNMAC
ISOLATION AND IDENTIFICATION OF SHIGELLAE		USNMAC
*ISOLATION AND PRELIMINARY IDENTIFICATION OF CULTURES	FS	USNMAC
ISOLATION OF SALMONELLA AND SHIGELLA CULTURES		USNMAC
LABORATORY METHODS FOR AIRBORNE INFECTION, PT 1 - THE CLOUD CHAMBER		USNMAC
LABORATORY METHODS FOR AIRBORNE INFECTION, PT 2. - THE HENDERSON APPARATUS		USNMAC
LEPTOSPIROSIS		USNMAC
LIFE HISTORY OF THE ROCKY MOUNTAIN WOOD TICK		USNMAC
MANAGEMENT OF THE LEPROSY PATIENT		USNMAC
*MARKET CATTLE TESTING FOR BRUCELLOSIS		USDA
METHODS FOR OBTAINING ANAEROBIASIS		USNMAC
METHODS FOR THE ISOLATION OF SALMONELLA FROM HUMAN FOOD AND ANIMAL FEEDS		USNMAC
MICRO-TECHNIQUES IN SEROLOGY		USNMAC
MICROORGANISMS OF GAS GANGRENE		USNMAC
MICROSCOPIC STUDY AND ISOLATION OF C DIPHTHERIAE		USNMAC
NIACIN-NITRATE REDUCTION TEST		USNMAC
*ONE BUG IS TOO MANY		USDA
*OUTBREAK		USDA
OUTBREAK OF SALMONELLA INFECTION, AN		USNMAC
OUTBREAK OF SALMONELLA INFECTION, AN (SPANISH)		USNMAC
OUTBREAK OF STAPHYLOCOCCUS INTOXICATION, AN		USNMAC
OUTBREAK OF STAPHYLOCOCCUS INTOXICATION, AN (SPANISH)		USNMAC
PLAGUE CONTROL		USN
PLAGUE IN SYLVATIC AREAS		USNMAC
PRACTICAL VIEW OF SYPHILIS, A		USNMAC
PREPARATION OF A CULTURE MEDIUM		USNMAC
PREPARATION OF SPUTUM SPECIMENS		USNMAC
PRESERVATION OF BACTERIA BY DESICCATION IN VACUO		USNMAC
PREVENTION AND CONTROL OF STAPHYLOCCAL INFECTIONS		USNMAC
RECOGNITION OF LEPROSY		USNMAC
RECOGNITION OF LEPROSY (SPANISH)		USNMAC
*SIMPLIFIED SEROLOGIC IDENTIFICATION OF SALMONELLA CULTURES	FS	USNMAC
SPUTUM DIGESTION AND DECONTAMINATION WITH N-ACETYL-L-CYSTEINE NOAH		USNMAC
STAPHYLOCOCCAL INFECTION		USNMAC
STREPTOCOCCAL INFECTIONS		USNMAC
STUDIES IN BACTERIOLOGY, - PT 2. MOTILITY		USNMAC
STUDIES IN BACTERIOLOGY, PT 3, CELL DIVISION		USNMAC
SURFACE SAMPLING FOR MICROORGANISMS (RODAC METHOD)		USNMAC
SURFACE SAMPLING FOR MICROORGANISMS (SWAB METHOD)		USNMAC
TB LABORATORY PROCEDURE - DRUG SUSCEPTIBILITY TESTING, PT 2		USNMAC
TOXIGENICITY TEST OF C DIPHTHERIAE		USNMAC
TUBERCULIN TESTING		USN
TUBERCULIN TESTING, PT 1, TUBERCULINS		USNMAC
TUBERCULIN TESTING, PT 1, TUBERCULINS (SPANISH)		USNMAC
TUBERCULIN TESTING, PT 2, ADMINISTRATION TECHNIQUES		USNMAC
*TYPHOID CARRIER, THE		USIAA
VDRL TESTS FOR SYPHILIS		USNMAC
WHAT IS DISEASE - UNSEEN ENEMY		USIA
WHAT IS DISEASE - UNSEEN ENEMY (SPANISH)		USIA

BIOLOGY AND ZOOLOGY

AEDES AEGYPTI TV SPOTS	USNMAC
*AFRICAN HORSE SICKNESS	USDA

* INDICATES NEW ENTRY

AREA POISONING (REV ED)		USNMAC
*BACK THE ATTACK ON BRUCELLOSIS		USDA
BIOLOGY AND CONTROL OF DOMESTIC FLIES, THE		USPHS
BIOLOGY AND CONTROL OF DOMESTIC MOSQUITOES		USPHS
BIOLOGY AND CONTROL OF DOMESTIC MOSQUITOES (SPANISH)		USPHS
BIOLOGY AND CONTROL OF THE COCKROACH		USPHS
BIOLOGY OF DOMESTIC FLIES		USNMAC
*BLUE TONGUE		USDA
COMMUNITY FLY CONTHOL OPERATION		USPHS
COMMUNITY FLY CONTROL OPERATION (SPANISH)		USPHS
*EQUINE INFECTIOUS ANEMIA		USDA
*EXPOSED		USDA
FIELD RECOGNITION OF DOMESTIC RAT SIGNS		USNMAC
FIELD RECOGNITION OF MOSQUITO LARVAE		USNMAC
FLY CONTROL THROUGH BASIC SANITATION		USNMAC
FLY CONTROL THROUGH BASIC SANITATION (FRENCH)		USPHS
FLY DENSITY SURVEYS BY THE GRILL METHOD		USNMAC
FRONT LINE OF THE BATTLE		USNMAC
*GENERA OF NORTH AMERICAN TICKS	FS	USNMAC
*HOG CHOLERA - AFRICAN SWINE FEVER, A COMPARISON		USDA
INSECTS AS CARRIERS OF DISEASE		USOIAA
LET'S FINISH THE JOB		*USNMAC
LIFE HISTORY OF THE ROCKY MOUNTAIN WOOD TICK		USNMAC
MALARIA CONTROL ON IMPOUNDED WATER		USNMAC
*MALARIA ERADICATION		USIA
MANSON'S BLOOD FLUKE		USNMAC
*MARKET CATTLE TESTING FOR BRUCELLOSIS		USDA
MOSQUITO PREVENTION IN IRRIGATED AREAS		USNMAC
MOSQUITO STAGES OF PLASMODIUM FALCIPARUM		USPHS
MOSQUITO SURVEY TECHNIQUES		USPHS
NORWAY RAT, HABITS AND CHARACTERISTICS, THE		USPHS
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ISOLATION AND IDENTIFICATION OF SHIGELLAE		USNMAC
*ISOLATION AND PRELIMINARY IDENTIFICATION OF CULTURES	FS	USNMAC
ISOLATION OF BLASTOMYCES DERMATITIDIS		USNMAC
ISOLATION OF C. IMMITIS		USNMAC
ISOLATION OF SALMONELLA AND SHIGELLA CULTURES		USNMAC
LABORATORY DIAGNOSIS OF RABIES IN ANIMALS		USNMAC
LABORATORY DIAGNOSIS OF RABIES IN ANIMALS (SPANISH) (REV ED)		USPHS
*LABORATORY DIAGNOSIS OF TENEA CAPITIS CHILDREN - MICROSPORUM INFECTIONS	FS	USNMAC
*LABORATORY DIAGNOSIS OF TENEA CAPITIS IN CHILDREN - MICROSPORUM INFECTIONS	FS	USNMAC
*LABORATORY DIAGNOSIS OF		

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* INDICATES NEW ENTRY

MEDICINE

MICROBIOLOGY – *(Continued)*

TRICHOPHYTON INFECTIONS, PT 1 - ECTRTHRIX INFECTIONS OF THE	FS	USNMAC
*LABORATORY DIAGNOSIS OF TRICHOPHYTON INFECTIONS, PT 2 - ENDOTHRIX INFECTIONS OF THE	FS	USNMAC
LABORATORY METHODS FOR AIRBORNE INFECTION, PT 1 - THE CLOUD CHAMBER		USNMAC
LABORATORY METHODS FOR AIRBORNE INFECTION, PT 2, - THE HENDERSON APPARATUS		USNMAC
LABORATORY TECHNIQUE FOR DARKFIELD MICROSCOPY		USN
LEPTOSPIROSIS		USNMAC
LIFE CYCLE OF DIPHYLLOBOTHRIUM LATUM		USPHS
LIFE CYCLE OF ENDAMOEBA HISTOLYTICA IN DYSENTERIC AND NON-DYSENTERIC AMOEBIASIS		USN
MANAGEMENT OF THE LEPROSY PATIENT		USNMAC
MANSON'S BLOOD FLUKE		USNMAC
MARSUPIALIZATION OF A HYDATID CYST OF ECHINOCOCCUS GRANULOSIS IN THE LIVER		USNMAC
METHODS FOR OBTAINING ANAEROBIASIS		USNMAC
METHODS FOR THE ISOLATION OF SALMONELLA FROM HUMAN FOOD AND ANIMAL FEEDS		USNMAC
MICRO-TECHNIQUES IN SEROLOGY		USNMAC
MICROFILARIAE OF WUCHERERIA BANCROFTI		USNMAC
MICROORGANISMS OF GAS GANGRENE		USNMAC
MICROSCOPIC STUDY AND ISOLATION OF C DIPHTHERIAE		USNMAC
MIRACIDIA OF SCHISTOSOMA JAPONICUM		USNMAC
MIRACLE IN TONGA		USNMAC
MISSIPPI VALLEY DISEASE - HISTOPLASMOSIS		USNMAC
MOTILITY OF ENTAMOEBA HISTOLYTICA		USNMAC
MOVEMENTS OF ENDAMOEBA HISTOLYTICA		USNMAC
MYCOLOGICAL SLIDE CULTURE TECHNIQUE		USNMAC
NIACIN-NITRATE REDUCTION TEST		USNMAC
*ONCHOCERSIASIS IN GHANA		USNMAC
OUTBREAK OF SALMONELLA INFECTION, AN		USNMAC
OUTBREAK OF SALMONELLA INFECTION, AN (SPANISH)		USNMAC
OUTBREAK OF STAPHYLOCOCCUS INTOXICATION, AN		USNMAC
OUTBREAK OF STAPHYLOCOCCUS INTOXICATION, AN (SPANISH)		USNMAC
OX CELL HEMOLYSIN TEST FOR DIAGNOSIS OF INFECTIOUS MONONUCLEOSIS		USNMAC
PATHOLOGY OF SCHISTOSOMIASIS, THE		USNMAC
PLAGUE CONTROL		USN
PLAGUE IN SYLVATIC AREAS		USNMAC
PLASTIC ISOLATORS - NEW TOOLS FOR MEDICAL RESEARCH		USNMAC
PRACTICAL VIEW OF SYPHILIS, A		USNMAC
PREPARATION AND STAINING OF FECAL SMEARS FOR PARASITOLOGICAL EXAMINATION		USNMAC
PREPARATION OF A CULTURE MEDIUM		USNMAC
PREPARATION OF PRIMARY MAMMALIAN KIDNEY CELL CULTURE		USNMAC
PREPARATION OF SPUTUM SPECIMENS		USNMAC
PRESERVATION OF BACTERIA BY DESICCATION IN VACUO		USNMAC
PREVENTION AND CONTROL OF STAPHYLOCCAL INFECTIONS		USNMAC
PROBLEM OF HOOKWORM INFECTION, THE		USNMAC
*PSOROPTIC SHEEP AND CATTLE SCABIES		USDA
PUBLIC HEALTH ASPECTS OF MIGRANT WORKERS, THE		USNMAC
RABIES CONTROL IN THE COMMUNITY		USNMAC
RABIES CONTROL IN THE COMMUNITY (SPANISH)		USNMAC
RECOGNITION OF LEPROSY		USNMAC
RECOGNITION OF LEPROSY (SPANISH)		USNMAC
SCHISTOSOMES IN THE PRIMARY HOST		USNMAC
SETTING OF ENDEMIC SCHISTOSOMIASIS IN PUERTO RICO, THE		USNMAC
*SIMPLIFIED SEROLOGIC IDENTIFICATION OF SALMONELLA CULTURES	FS	USNMAC
SOLUBILITY AND OPTOCHINE TESTS FOR STREPTOCOCCUS PNEUMONIAE		USNMAC
SPOROCYSTS AND CERCARIAE OF SCHISTOSOMA MANSONI		USNMAC
SPUTUM COLLECTION AND HANDLING		USNMAC
SPUTUM DIGESTION AND DECONTAMINATION WITH N-ACETYL-L-CYSTEINE NOAH		USNMAC
STAPHYLOCOCCAL INFECTION		USNMAC
STREPTOCOCCAL INFECTIONS		USNMAC
SURFACE SAMPLING FOR MICROORGANISMS (RODAC METHOD)		USNMAC
SURFACE SAMPLING FOR MICROORGANISMS (SWAB METHOD)		USNMAC
TB LABORATORY PROCEDURE - DRUG SUSCEPTIBILITY TESTING, PT 1 - DIRECT METHOD		USNMAC
TB LABORATORY PROCEDURE - DRUG SUSCEPTIBILITY TESTING, PT 2		USNMAC
TECHNIQUES OF LABORATORY DIAGNOSIS OF INFLUENZA		USNMAC
TOXIGENICITY TEST OF C DIPHTHERIAE		USNMAC
TUBERCULIN TESTING		USN
TUBERCULIN TESTING, PT 1, TUBERCULINS		USNMAC
TUBERCULIN TESTING, PT 1, TUBERCULINS (SPANISH)		USNMAC
TUBERCULIN TESTING, PT 2, ADMINISTRATION TECHNIQUES		USNMAC
TUBERCULOSIS--LABORATORY AIDS TO DIAGNOSIS AND TREATMENT		USNMAC
*TYPHOID CARRIER, THE		USIIAA
VDRL TESTS FOR SYPHILIS		USNMAC
WHAT IS DISEASE - UNSEEN ENEMY		USIA
WHAT IS DISEASE - UNSEEN ENEMY (SPANISH)		USIA

MILITARY MEDICINE

CORPSMAN		USN
DEBRIDEMENT, PT 1, MULTIPLE SOFT TISSUE WOUNDS		USA
DEBRIDEMENT, PT 2, WOUNDS OF THE EXTREMITIES		USA

* INDICATES NEW ENTRY

*ESSENTIALS OF FIRST AID		USN
INTRODUCTION TO COMBAT FATIGUE--DOCTOR'S VERSION		USN
INTRODUCTION TO COMBAT FATIGUE--PATIENT'S VERSION		USN
MEDICAL SUPPLY SYSTEM, U S ARMY, PT 2, OPERATIONS AT CONUS AND OVERSEAS INSTALLATIONS		USA
MEDICAL SUPPLY, U S ARMY, PT 1, ORGANIZATION AND ADMINISTRATION		USA
MICROFILARIAE OF WUCHERERIA BANCROFTI		USNMAC
MILITARY IMMUNIZATION - SMALLPOX VACCINATION		USN
MILITARY MEDICINE		USDOD
SUCKING WOUNDS OF THE CHEST		USN
TRANSPORTATION OF THE SICK AND WOUNDED		USA

MYCOLOGY

*BLASTOMYCES DERMATITIDIS	FS	USNMAC
*COCCIDIOIDES IMMITIS	FS	USNMAC
COCCIDIOIDOMYCOSIS		ILDS
*COMMON SAPROPHYPIC FUNGI	FS	USNMAC
EPIDEMIC OF HISTOPLASMOSIS, AN		USNMAC
HEMAGGLUTINATION TEST FOR ECHINOCOCCOSIS		USNMAC
HISTOPLASMOSIS - MASON CITY, IOWA		USNMAC
ISOLATION OF BLASTOMYCES DERMATITIDIS		USNMAC
ISOLATION OF C. IMMITIS		USNMAC
*LABORATORY DIAGNOSIS OF TENEA CAPITIS CHILDREN - MICROSPORUM INFECTIONS	FS	USNMAC
*LABORATORY DIAGNOSIS OF TENEA CAPITIS IN CHILDREN - MICROSPORUM INFECTIONS	FS	USNMAC
*LABORATORY DIAGNOSIS OF TRICHOPHYTON INFECTIONS, PT 1 - ECTRTHRIX INFECTIONS OF THE.	FS	USNMAC
*LABORATORY DIAGNOSIS OF TRICHOPHYTON INFECTIONS, PT 2 - ENDOTHRIX INFECTIONS OF THE	FS	USNMAC
MISSIPPI VALLEY DISEASE - HISTOPLASMOSIS		USNMAC
MOTILITY OF ENTAMOEBA HISTOLYTICA		USNMAC
MYCOLOGICAL SLIDE CULTURE TECHNIQUE		USNMAC

NEUROLOGY

INTRODUCTION TO APHASIA		USVA
MOTOR CONDUCTION VELOCITY STUDIES OF THE MEDIAN AND ULNAR NERVES		USNMAC
NEUROSURGERY - FACIAL NEURALGIA		USN
PROGRAMMED INSTRUCTION AND APHASIA REHABILITATION		USNMAC
RECENT ADVANCES IN NEUROMUSCULAR DISEASE		USNMAC
SOCIAL ADJUSTMENT FOR THE APHASIC PATIENT		USVA
TESTING AND INDIVIDUAL THERAPY FOR THE APHASIC PATIENT		USVA
VERBAL IMPAIRMENT ASSOCIATED WITH BRAIN DAMAGE		USNMAC
YEAR OF BIRTH		USNMAC

PARASITOLOGY

AFRICAN TRYPANOSOMIASIS		USN
ASIATIC SCHISTOSOMIASIS		USN
AUSTRALORBIS GLABRATUS, VECTOR OF SCHISTOSOMA MANSONI		USNMAC
BASIC EPIDEMIOLOGIC AND CLINICOPATHOLOGIC ASPECTS OF MALARIA		USNMAC
BIOLOGY AND CONTROL OF SCHISTOSOMIASIS IN PUERTO RICO		USPHS
BIOLOGY AND CONTROL OF SCHISTOSOMIASIS IN PUERTO RICO (SPANISH)		USPHS
BIOLOGY AND CONTROL OF SCHISTOSOMIASIS IN PUERTO RICO (FRENCH)		USNMAC
*COMMON SAPROPHYPIC FUNGI	FS	USNMAC
*DISSEMINATED ANERGIC LEISHMANIASIS		ILDS
EATON AGENT PNEUMONIA		USNMAC
EGGS AND MIRACIDIA OF SCHISTOSOMA MANSONI		USNMAC
EPIDEMIOLOGY OF MURINE TYPHUS		USNMAC
*EPIZOONOSES		IDCE
EXCYSTATION AND MOTILITY OF ENDAMOEBA HISTOLYTICA		USNMAC
*FILARIASIS	FS	USNMAC
FLOCCULATION TEST FOR PARASITIC DISEASE		USNMAC
FORMALIN-ETHER SEDIMENTATION TECHNIQUE		USNMAC
HOOKWORM		USOIAA
*IDENTIFICATION OF SOME COMMON SUCKING LICE	FS	USNMAC
INFECTIVE LARVAE OF ANCYCLOSTOMA CANINUM		USNMAC
INFECTIVE LARVAE OF WUCHERERIA BANCROFTI		USNMAC
INTESTINAL PARASITES, PT 1, INTRODUCTION AND TECHNIQUES OF HANDLING SPECIMENS		USNMAC
INTESTINAL PARASITES, PT 2, INTESTINAL AMEBIASIS		USNMAC
INTESTINAL PARASITES, PT 3, EXTRAINTESTINAL AMEBIASIS		USNMAC
LIFE CYCLE OF DIPHYLLOBOTHRIUM LATUM		USPHS
LIFE CYCLE OF ENDAMOEBA HISTOLYTICA IN DYSENTERIC AND NON-DYSENTERIC AMOEBIASIS		USN
MANSON'S BLOOD FLUKE		USNMAC
MARSUPIALIZATION OF A HYDATID CYST OF ECHINOCOCCUS GRANULOSIS IN THE LIVER		USNMAC
MICROFILARIAE OF WUCHERERIA BANCROFTI		USNMAC
MIRACIDIA OF SCHISTOSOMA JAPONICUM		USNMAC
MOVEMENTS OF ENDAMOEBA HISTOLYTICA		USNMAC
*ONCHOCERCIASIS		ILDS
*ONCHOCERSIASIS IN GHANA		USNMAC
PATHOLOGY OF SCHISTOSOMIASIS, THE		USNMAC
PREPARATION AND STAINING OF FECAL SMEARS FOR PARASITOLOGICAL EXAMINATION		USNMAC
PREPARATION OF THICK AND THIN BLOOD FILMS		USNMAC
PROBLEM OF HOOKWORM INFECTION, THE		USNMAC
*PSOROPTIC SHEEP AND CATTLE SCABIES		USDA
SCHISTOSOMES IN THE PRIMARY HOST		USNMAC
SETTING OF ENDEMIC		

* INDICATES NEW ENTRY

MEDICINE

PARASITOLOGY – *(Continued)*

SCHISTOSOMIASIS IN PUERTO RICO, THE	USNMAC
SPOROCYSTS AND CERCARIAE OF SCHISTOSOMA MANSONI	USNMAC
STAINING BLOOD FILMS FOR DETECTION OF MALARIA PARASITES	USNMAC

PATHOLOGY

ANTIBODY SPECIFICITY AND ANTIGEN HETEROGENEITY	USNMAC
APPLICATIONS OF INSULIN AND GROWTH HORMONE ASSAYS IN CLINICAL MEDICINE	USNMAC
BASIC AUTOPSY PROCEDURE	USA
BATTERED CHILD, THE, PT 1	USNMAC
BATTERED CHILD, THE, PT 2	USNMAC
CLINICAL PATHOLOGIC CORRELATIONS OF ENZYMOLOGY, PT 1	USNMAC
CLINICAL PATHOLOGIC CORRELATIONS OF ENZYMOLOGY, PT 2	USNMAC
CLINICAL PATHOLOGIC CORRELATIONS OF ENZYMOLOGY, PT 3	USNMAC
CLINICAL PATHOLOGIC CORRELATIONS OF ENZYMOLOGY, PT 4	USNMAC
CLINICAL PATHOLOGICAL CONFERENCE	USNMAC
CONCEALED HOMICIDE, THE	USNMAC
INTENSIVE RESPIRATORY CARE	USNMAC
KIDNEY FUNCTION TESTS	USNMAC
MANSON'S BLOOD FLUKE	USNMAC
PATHOLOGY OF SCHISTOSOMIASIS, THE	USNMAC
RECOGNITION OF LEPROSY	USNMAC
RECOGNITION OF LEPROSY (SPANISH)	USNMAC
*RINDERPEST	USDA
SUDDEN NATURAL DEATH	USNMAC
TRAUMATIC AND CHEMICAL ASPHYXIATION, PT 1	USNMAC
TRAUMATIC AND CHEMICAL ASPHYXIATION, PT 2	USNMAC

PHARMACOLOGY AND TOXICOLOGY

*AFRICAN HORSE SICKNESS	USDA
ANIMAL BITES AND RABIES	USNMAC
APPLICATIONS OF INSULIN AND GROWTH HORMONE ASSAYS IN CLINICAL MEDICINE	USNMAC
*BOVINE CONTAGIOUS PLEUROPNEUMONIA	USDA
CELLULAR AND MOLECULAR ASPECTS OF THE IMMUNE RESPONSE	USNMAC
*CHALLENGING CAREERS IN CHEMISTRY	USDA
CHOLESTEROL-LECITHIN FLOCCULATION TEST FOR SCHISTOSOMIASIS	USNMAC
DEFENSE AGAINST INVASION	USOIAA
*DRUG DIALOGUE - ORIENTATION	USNIMH
EMMY IMMUNIZATION	USNMAC
EPIDEMIOLOGY OF PESTICIDE POISONINGS, THE	USNMAC
FIBRINOLYTIC MECHANISM AND TEST OF FIBRINOLYTIC FUNCTION, THE	USNMAC
FIFTY-FIFTY CHANCE, A	USNMAC
FLUOROMETRIC DETERMINATION OF SERUM PHENYLALANINIE, PT 1, PREPARATION OF	USNMAC
FLUOROMETRIC DETERMINATION OF SERUM PHENYLALANINE (SHORT METHOD), PT 1	USNMAC
FLUOROMETRIC DETERMINATION OF SERUM PHENYLALANINE (SHORT METHOD), PT 2	USNMAC
FLUOROMETRIC DETERMINATION OF SERUM PHENYLALANINE, PT 2, PROCEDURE	USNMAC
FLUOROMETRIC DETERMINATION OF SERUM TYROSINE, PT 1, PREPARATION OF REAGENTS	USNMAC
FLUOROMETRIC DETERMINATION OF SERUM TYROSINE, PT 2, PROCEDURE	USNMAC
GLUCOSE METHOD - AUTO ANALYZER	USNMAC
GLUCOSE METHOD - GLUCOSE OXIDASE, PT 1, PROCEDURES	USNMAC
GLUCOSE METHOD - GLUCOSE OXIDASE, PT 2, PREPARATION OF REAGENTS AND PRIMARY STANDARDS	USNMAC
GLUCOSE METHOD - NELSON SOMOGYI, PT 1, PREPARATION OF PROTEIN-FREE FILTRATE	USNMAC
GLUCOSE METHOD - NELSON SOMOGYI, PT 2, COLOR REACTION	USNMAC
GLUCOSE METHOD - NELSON SOMOGYI, PT 3, PREPARATION OF REAGENTS AND PRIMARY STANDARDS	USNMAC
GLUCOSE METHOD - ORTHO-TOLUIDINE	USNMAC
HEALTH HAZARDS OF PESTICIDES	USNMAC
IN VITRO PATHOGENICITY TEST FOR C. DIPHTHERIAE	USNMAC
IN VITRO TOXIGENICITY TEST FOR C. DIPHTHERIAE	USNMAC
INFECTIOUS MONONUCLEOSIS	USNMAC
INTRAVENOUS ADMINISTRATION OF FLUIDS	USN
*LA PHENYLCETONURIE	IDCE
MANAGEMENT OF THE LEPROSY PATIENT	USNMAC
MARIHUANA, LSD AND THE MIND - A DILEMMA FOR MEDICINE AND SOCIETY	USNMAC
MILITARY IMMUNIZATION - SMALLPOX VACCINATION	USN
MIRACLE IN TONGA	USNMAC
MODERN IMMUNIZATION PROCEDURES IN CHILDREN AND ADULTS	USNMAC
NEW IDEAS ABOUT AN OLD DISEASE - DIABETES MELLITUS	USNMAC
ORGANOPHOSPHATE PESTICIDE POISONINGS - DIAGNOSIS AND TREATMENT	USNMAC
PRINCIPLES OF LONG-TERM STEROID THERAPY	USNMAC
RAT ECTOPARASITE CONTROL	USNMAC
SMALLPOX VACCINATION - SHOULD OUR POLICY BE CHANGED	USNMAC
SPACE SPRAYING OF INSECTICIDES	USNMAC
SPACE SPRAYING OF INSECTICIDES (SPANISH)	USNMAC
SPECIFICITY OF ANTIGEN-ANTIBODY REACTIONS, THE	USNMAC
SPOT PREVENTION - MEASLES	USNMAC
SPOT PREVENTION - MEASLES (SPANISH)	USNMAC
STOP RUBELLA	USNMAC
STORY OF ROCKY MOUNTAIN SPOTTED FEVER, THE	USNMAC
STREPTOMYCIN	USA

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TECHNICAL PROCEDURES FOR DIAGNOSIS AND THERAPY IN CHILDREN	USN
TOXIGENICITY TEST OF C DIPHTHERIAE	USNMAC
USES OF PENICILLINS - OLD AND NEW	USNMAC
*VACCINATE AGAINST SMALLPOX	USHAA
*VEE - A NATIONAL EMERGENCY	USDA
*WISE PARENTS, HEALTHY BABIES	USHAA
WOOD PRESERVATION - CONTROL OF WOOD DESTROYING ORGANISMS	USN

PREGNANCY

*FORCEPS DELIVERIES - A SERIES	USA
*FORCEPS DELIVERIES, PT 1, PREREQUISITES FOR FORCEPS DELIVERIES	USA
*FORCEPS DELIVERIES, PT 3, TRACTION	USA
*FORCEPS DELIVERIES, PT 4, TRANSVERSE ARREST	USA
*FORCEPS DELIVERIES, PT 5, KEILLAND FORCEPS	USA
*FORCEPS DELIVERIES, PT 6, FORCEPS MANAGEMENT OF FACE PRESENTATIONS	USA
*FORCEPS DELIVERIES, PT 7, BARTON FORCEPS	USA
*FORCEPS DELIVERIES, PT 8, PIPER FORCEPS FOR AFTER-COMING HEAD	USA
*MATERNITY CARE - LABOR AND DELIVERY	USN
*WISE PARENTS, HEALTHY BABIES	USHAA
YEAR OF BIRTH	USNMAC

PSYCHIATRY AND PSYCHOLOGY

ACTIVITY FOR SCHIZOPHRENIA	USVA
ALL IT TAKES IS ONCE	USFAA
APPROACH TO UNDERSTANDING DYNAMICS, AN	USVA
BEHAVIOR THERAPY WITH AN AUTISTIC CHILD	USPHS
BOLD NEW APPROACH	USPHS
BOOKED FOR SAFEKEEPING	USPHS
CHARLIE	USFAA
CLINICAL PICTURE OF ANXIETY HYSTERIA, A	USVA
CLINICAL PICTURE OF CLAUSTROPHOBIA, A	USVA
*COMMUNITY IN QUEST, THE	USNIMH
CRY FOR HELP, THE	USNMAC
CURRENT TRENDS IN THE THERAPY FOR NARCOTIC ADDICTION	USNMAC
*EMOTIONAL TIES IN INFANCY	USPHS
FAMILY DOCTOR, PSYCHIATRIST, AND DEPRESSED PATIENT	USNMAC
HEADBANGERS, THE	USPHS
INSOMNIA	USN
INTRODUCTION TO COMBAT FATIGUE--DOCTOR'S VERSION	USN
INTRODUCTION TO COMBAT FATIGUE--PATIENT'S VERSION	USN
*INVOLUNTARY HOSPITALIZATION OF THE PSYCHIATRIC PATIENT - SHOULD IT BE ABOLISHED?	USNMAC
*ISLANDS OF UNDERSTANDING	USSRS
*LAST CHANCE, THE	USSRS
MAN IN FLIGHT	USAF
*MAN'S SHORTCOMINGS	USBM
MARIHUANA, LSD AND THE MIND - A DILEMMA FOR MEDICINE AND SOCIETY	USNMAC
MASK, THE	USNMAC
MENTAL STATUS EXAMINATION, THE	USNMAC
MOODS IN SAFETY	USAF
NON-VERBAL COMMUNICATION	USVA
NOT SICK ENOUGH	USSRS
PHANTOM PAIN	USNMAC
POSITIVE APPROACH TO THE PSYCHIATRIC PATIENT, A	USVA
*PSYCHOLOGICAL HAZARDS IN INFANCY	USDHEW
PSYCHOTHERAPEUTIC INTERVIEWING - INTRODUCTION	USVA
PSYCHOTHERAPEUTIC INTERVIEWING - METHOD OF PROCEDURE	USVA
RHESUS MONKEYS OF SANTIAGO ISLAND, THE - PUERTO RICO	USNMAC
RX ATTITUDE	USVA
SENSORY CONDUCTION STUDIES - MEDIAN NERVE	USNMAC
SHADES OF GRAY	USA
SHOWDOWN	USNMAC
SUICIDE PREVENTION IN HOSPITALS	USVA
SURVIVAL STRESSES	USAF
TESTING AND INDIVIDUAL THERAPY FOR THE APHASIC PATIENT	USVA
*TOM	USNIMH
UNDER PRESSURE	USNMAC
WAR AND ADVICE	USAF

RESEARCH

ACROMEGALY (DIAGNOSIS-ETIOLOGY-THERAPY)		USAEC
*AFRICAN HORSE SICKNESS		USDA
*BRUCELLOSIS RING TEST		USDA
CLINICAL TONOMETRY		USNMAC
CONCEALED HOMICIDE, THE		USNMAC
*EQUINE INFECTIOUS ANEMIA		USDA
GERMFREE ANIMALS IN MEDICAL RESEARCH		USNMAC
HEART RESEARCH NEWS		USNMAC
HIGHLIGHTS OF HEART RESEARCH		USNMAC
*INTRODUCTION TO MAMMOGRAPHY	SL	USNMAC
KIDNEY FUNCTION TESTS		USNMAC
LASER-MIRACLES WITH LIGHT		USA
LIFE CRISES AND PHYSICAL COMPLAINTS		USNMAC
*MALARIA ERADICATION		USIA
*MAMMOGRAPHY - A SERIES	SL	USNMAC
*MAMMOGRAPHY TECHNIQUE	SL	USNMAC
MEDICAL RESEARCH REACTOR		USAEC
*MEN WHO CARE		USIA
*NATURE OF HUMAN COLOR CHANGE, THE - GENETIC, HORMONAL, NEOPLASTIC		USNMAC
NEW DIAGNOSTIC PROCEDURES IN THE DIAGNOSIS OF PITUITARY DISEASE		USNMAC
PLASTIC ISOLATORS - NEW TOOLS FOR MEDICAL RESEARCH		USNMAC
*PLUM ISLAND ANIMAL DISEASE LABORATORY		USDA
PREVENTIVE MEDICINE - A USAF TEAM IN ACTION		USAF
SUDDEN NATURAL DEATH		USNMAC
SUICIDE PREVENTION IN HOSPITALS		USVA
TB LABORATORY PROCEDURE - DRUG SUSCEPTIBILITY TESTING, PT 1 - DIRECT METHOD		USNMAC
TB LABORATORY PROCEDURE - DRUG SUSCEPTIBILITY TESTING, PT 2		USNMAC
THRESHOLD		USDHEW
*TO SEEK, TO TEACH, TO HEAL		USNIH
TRAUMATIC AND CHEMICAL ASPHYXIATION, PT 1		USNMAC

* INDICATES NEW ENTRY

MEDICINE

RESEARCH – *(Continued)*

TRAUMATIC AND CHEMICAL ASPHYXIATION, PT 2	USNMAC
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RESPIRATORY SYSTEM

ACUTE OR CHRONIC RESPIRATORY FAILURE	USNMAC
*BREATH IN TIME, A	USBM
CHRONIC BRONCHITIS AND PULMONARY EMPHYSEMA THE APPLICATION OF PHYSICAL MEDICINE AND	USNMAC
CHRONIC OBSTRUCTIVE PULMONARY DISEASE-BREATHING PATTERNS	USNMAC
CHRONIC OBSTRUCTIVE PULMONARY DISEASE-DIAPHRAGMATIC BREATHING	USNMAC
CHRONIC OBSTRUCTIVE PULMONARY DISEASE-INTERMITTENT POSITIVE PRESSURE BREATHING	USNMAC
CHRONIC OBSTRUCTIVE PULMONARY DISEASE-THE USE OF OXYGEN IN PHYSICAL THERAPY	USNMAC
COLLECTION AND PROCESSING OF SPECIMENS FOR RESPIRATORY VIRUS ISOLATION	USNMAC
EPIDEMIC OF HISTOPLASMOSIS, AN	USNMAC
FAIR WARNING	USNMAC
INTENSIVE RESPIRATORY CARE	USNMAC
INTRODUCTION TO RESPIRATORY AND CARDIAC RESUSCITATION	USA
MEDICAL ASPECTS OF DIVING, PT 2, EFFECTS OF ELEVATED PARTIAL PRESSURE OF GASES	USN
OBSTRUCTIVE LUNG DISEASE	USNMAC
PREOPERATIVE EVALUATION OF LUNG FUNCTION	USNMAC
*PREVENTING COAL PNEUMOCONIOSIS THROUGH ENGINEERING CONTROLS	USBM
PULMONARY DISEASE CONFERENCE, PT 1	USNMAC
PULMONARY DISEASE CONFERENCE, PT 2	USNMAC
RESPIRATORY EXERCISES FOR THE PARKINSON PATIENT	USNMAC
SPUTUM COLLECTION AND HANDLING	USNMAC
*TOBACCO	USNIMH
TUBERCULOSIS	USIAA

STROKE

DIAGNOSIS AND SURGICAL TREATMENT OF OCCLUSIVE CEREBRAL VASCULAR DISEASE	USNMAC
FIRST AID FOR HEAT STROKE AND HEAT EXHAUSTION	USN
HEAT DISORDERS - GENERAL EFFECTS OF HEAT ON MAN	USA
READY FOR EDNA	USNMAC
STROKE PATIENT, THE, PT 1, GROSS PROGNOSTIC EVALUATION	USNMAC
STROKE PATIENT, THE, PT 2, DETAILED FUNCTIONAL EVALUATION	USNMAC

THERAPEUTICS

CANCER CHEMOTHERAPY - PRACTICAL CONSIDERATIONS, PT 1	USNMAC
CONTROVERSIAL ASPECTS OF RHEUMATOID ARTHRITIS	USNMAC
CURABLE HYPERTENSION AND PRIMARY ALDOSTERONISM, PT 2	USNMAC
DIAGNOSIS AND MANAGEMENT OF RHEUMATOID ARTHRITIS	USNMAC
INDICATIONS FOR A THERAPEUTIC ABORTION	USNMAC
IODINE-131	USAEC
OPERATING ROOM DEATHS	USNMAC
PRINCIPLES OF LONG-TERM STEROID THERAPY	USNMAC
PROBLEMS IN THE MANAGEMENT OF GRAVES' DISEASE	USNMAC
SEIZURE--THE MEDICAL TREATMENT AND SOCIAL PROBLEMS OF EPILEPSY	USVA
STORY OF ROCKY MOUNTAIN SPOTTED FEVER, THE	USNMAC
TECHNICAL PROCEDURES FOR DIAGNOSIS AND THERAPY IN CHILDREN	USN
TELETHERAPY AND BRACHYTHERAPY	USAEC
TESTING AND INDIVIDUAL THERAPY FOR THE APHASIC PATIENT	USVA
THERAPEUTIC EXERCISE--INTRODUCTION	USA
THERAPEUTIC EXERCISE--ORTHOPEDICS	USA
THERAPEUTIC USES OF HEAT AND COLD, PT 1, ADMINISTERING HOT APPLICATIONS	USOE
THERAPEUTIC USES OF HEAT AND COLD, PT 2, ADMINISTERING COLD APPLICATIONS	USOE
ULCERATIVE COLITIS	USNMAC

VETERINARY MEDICINE

*AFRICAN HORSE SICKNESS	USDA
AIR FORCE VETERINARY SUPPORT FOR THE MILITARY DOG PROGRAM IN SOUTHEAST ASIA	USAF
*BACK THE ATTACK ON BRUCELLOSIS	USDA
*BLUE TONGUE	USDA
*BOVINE CONTAGIOUS PLEUROPNEUMONIA	USDA
*BRUCELLOSIS RING TEST	USDA
*EQUINE INFECTIOUS ANEMIA	USDA
*EXPOSED	USDA
GERMFREE ANIMALS IN MEDICAL RESEARCH	USNMAC
*HOG CHOLERA - AFRICAN SWINE FEVER, A COMPARISON	USDA
*HOG CHOLERA - ITS DIAGNOSIS	USDA
LABORATORY DIAGNOSIS OF RABIES IN ANIMALS	USNMAC
LABORATORY DIAGNOSIS OF RABIES IN ANIMALS (SPANISH) (REV ED)	USPHS
*MARKET CATTLE TESTING FOR BRUCELLOSIS	USDA
*ONE BUG IS TOO MANY	USDA
*OUTBREAK	USDA
*PSOROPTIC SHEEP AND CATTLE SCABIES	USDA
*RINDERPEST	USDA
*SCRAPIE	USDA
*STAMP OUT HOG CHOLERA	USDA
*STAMP OUT HOG CHOLERA (SPANISH)	USDA
*TRACEBACK	USDA
*VEE - A NATIONAL EMERGENCY	USDA
VENEZUELAN EQUINE ENCEPHALITIS EPIDEMIC IN COLUMBIA	USPHS
VENEZUELAN EQUINE ENCEPHALITIS EPIDEMIC IN COLUMBIA (SPANISH)	USPHS

* INDICATES NEW ENTRY

*VESICULAR DISEASES OF ANIMALS (REV ED)	USDA
*VESICULAR EXANTHEMA	USDA
*VETERINARIAN, USDA	USDA

VIROLOGY

ARTHROPOD-BORNE ENCEPHALITIS-ITS EPIDEMIOLOGY AND CONTROL	USNMAC
COAGULASE AND CLUMPING FACTOR TESTS FOR STAPHYLOCOCCUS AUREUS, THE	USNMAC
EMBRYONATED EGG TECHNIQUES, PT 1 - INOCULATION	USNMAC
EMBRYONATED EGG TECHNIQUES, PT 2 - HARVESTING	USNMAC
ENEMY IN YOUR HOME	USNMAC
EPIDEMIOLOGY OF INFLUENZA, THE	USNMAC
INFLUENZA VIRUS ISOLATION	USNMAC
LABORATORY DIAGNOSIS OF RABIES IN ANIMALS	USNMAC
LABORATORY DIAGNOSIS OF RABIES IN ANIMALS (SPANISH) (REV ED)	USPHS
MIRACLE IN TONGA	USNMAC
OX CELL HEMOLYSIN TEST FOR DIAGNOSIS OF INFECTIOUS MONONUCLEOSIS	USNMAC
PREPARATION OF PRIMARY MAMMALIAN KIDNEY CELL CULTURE	USNMAC
RABIES CONTROL IN THE COMMUNITY	USNMAC
RABIES CONTROL IN THE COMMUNITY (SPANISH)	USNMAC
RABIES F-A STAINING	USNMAC
SOLUBILITY AND OPTOCHINE TESTS FOR STREPTOCOCCUS PNEUMONIAE	USNMAC
TECHNIQUES OF LABORATORY DIAGNOSIS OF INFLUENZA	USNMAC

PHYSICAL SCIENCE

AIR

ATMOSPHERIC STABILITY AND INSTABILITY - STABILITY AND THE WEATHER	USN

ASTRONOMY

ASTRONOMICAL TRIANGLE, THE	USN
DAY'S WORK OF A NAVIGATOR AT SEA	USN
*MARINER/MARS, 1969	USNASA
*MOON OLD AND NEW, THE	USNASA
NAUTICAL ASTRONOMY	USN
RADIO ASTRONOMY EXPLORER	USNASA
SATELLITE ASTRONOMY - PROGRESS AND PROMISE	USNASA
SEAS OF INFINITY	USNASA
SEEDS OF DISCOVERY	USNASA
STAR IDENTIFICATION	USN

GEOLOGY

*AIM, ACTION, ACHIEVEMENT		USDA
*AVALANCHE CONTROL		USDA
CHALLENGE OF UNANSWERED QUESTIONS, THE		USNASA
*EARTHQUAKE		USOCD
*EARTHQUAKE		USDCPA
*EMERGENCY INVESTIGATION OF COAL WASTE EMBANKMENTS		USBM
*ERTS - EARTH RESOURCES TECHNOLOGY SATELLITE		USNASA
*ERUPTION OF KILAUEA 1959-60		USGS
*ERUPTION OF KILAUEA 1959-60 (SPANISH)		USGS
*GEOLOGY FROM SPACE	FS	USNASA
LAND BENEATH THE SEA, THE		USN
*LAND OF HAWAII		USDA
MARTIAN INVESTIGATORS, THE		USNASA
*NINETEEN HUNDRED FIFTY-FIVE ERUPTION OF KILAUEA VOLCANO, HAWAII		USGS
*RESPONSE TO DISASTER		USAE
SEA RIVER, THE		USGS
SPOTLIGHT ON RECOVERY		USFAA
SUMMER MOVEMENTS IN THE ARCTIC		USA
THOUGH THE EARTH BE MOVED, THE ALASKAN EARTHQUAKE		USOCD

OCEANOGRAPHY

AIRBORNE OCEANOGRAPHY - OCEANOGRAPHER OF THE NAVY	USN
BATHYMETRY - DISCOVERING THE OCEAN FLOOR - CHARTING THE OCEAN BOTTOM	USN
BEACH INTELLIGENCE - SHORELINE PROCESSES	USN
BEACH INTELLIGENCE - WAVES, BREAKERS, AND SURF	USN
*BOMEX	USNOAA
CAREERS IN OCEANOGRAPHY	USN
DEEP SEA DRILLING PROJECT	USNSF
FOOTPRINTS IN THE SEA	USN
LAND BENEATH THE SEA, THE	USN
MAN IN THE SEA	USIA
MAN IN THE SEA - STORY OF SEA LAB 2	USN
MISSION OCEANOGRAPHY	USN
MONO LAKE PROJECT	USAE
NATURE OF SEA WATER	USN
OCEAN PHENOMENON - THE DEEP SCATTERING LAYER	USN
OCEANOGRAPHIC PREDICTION SYSTEM	USN
OCEANOGRAPHIC RESEARCH WITH THE COUSTEAU DIVING SAUCER	USN
OCEANOGRAPHY-SCIENCE FOR SURVIVAL	USN
SCIENTIST IN THE SEA	USN
SEALAB I	USN
*SIXTY DAYS BENEATH THE SEA - TEKTITE I	USN
*THIRTY DAYS BENEATH THE SEA	USN
TIME LAPSE STUDY OF ANTARCTIC ICE FLOES AND TIDAL CURRENTS	USN
UNDERWATER SOUND - BASIC PRINCIPLES	USN
VENOMOUS ANIMALS OF THE SEA	USN
WATER MASSES OF THE OCEAN	USN

SPACE AND SOLAR SYSTEM

ARIEL - THE FIRST INTERNATIONAL SATELLITE	USNASA
*ARIEL 2	USNASA
DAY'S WORK OF A NAVIGATOR AT SEA	USN
LOG OF MARINER IV	USNASA
MARTIAN INVESTIGATORS, THE	USNASA
MEN ENCOUNTER MARS	USNASA
ORBITING SOLAR OBSERVATORY	USNASA
SEAS OF INFINITY	USNASA
SEEDS OF DISCOVERY	USNASA
SOLAR ECLIPSE EXPEDITION, 1966	USAEC
*SPACE IN THE 70'S - EXPLORATION OF THE PLANETS	USNASA
*SPACE IN THE 70'S - MAN IN SPACE - THE SECOND DECADE	USNASA

* INDICATES NEW ENTRY

PHYSICAL SCIENCE

SPACE AND SOLAR SYSTEM – *(Continued)*

●SPACE IN THE 70'S - SERIES	USNASA
SPACE NAVIGATION	USNASA
SPACE NAVIGATION	USAF
TRIAL BALANCE	USNASA
VIEW OF THE SKY, A	USNASA

WEATHER

AEROLOGY (THUNDERSTORMS), PT 1. - FORMATION AND STRUCTURE OF THUNDERSTORMS		USN
●AIR FORCE NOW, THE, NO. 13		USAF
AIR MASSES AND FRONTS - AIR MASSES		USAF
AIR MASSES AND FRONTS - FRONTS AND THE SURFACE WEATHER MAP		USAF
AIR MASSES AND FRONTS - THE COLD FRONT		USAF
AIR MASSES AND FRONTS - THE OCCLUDED FRONT		USAF
AIR MASSES AND FRONTS - THE WARM FRONT		USAF
AIR WEATHER SERVICE OF THE USAF, THE		USAF
ALL WEATHER TESTING OF AERONAUTICAL SYSTEMS		USAF
ATMOSPHERIC STABILITY AND INSTABILITY - EXISTING TEMPERATURE DISTRIBUTION		USN
ATMOSPHERIC STABILITY AND INSTABILITY - STABILITY AND THE WEATHER		USN
ATMOSPHERIC STABILITY AND INSTABILITY - THERMAL CONVECTION		USN
ATMOSPHERIC STABILITY AND INSTABILITY - ADIABATIC PROCESS		USN
●BOMEX		USNOAA
DATELINE ALASKA		USDOD
●DUST IS DYING, THE		USDA
FACE OF DISASTER, THE		USOCD
●FIRE IN THE FOREST		USDA
FIVE DAYS OF BETSY, THE		USOCD
●FLYING THE WEATHER MAP		USN
●FLYING THE WEATHER MAP - THE EQUATORIAL FRONT		USN
●FLYING THE WEATHER MAP - WEATHER FOR THE NAVIGATOR		USN
●FRIENDLY WATERS		USDA
HURRICANE CALLED BETSY, A		USOCD
HURRICANE CIRCUIT		USDS
HURRICANE HUNTERS		USN
HURRICANE HUNTERS		USN
●ICE		USCG
IN CARLA'S WAKE		USAE
IT HAPPENED IN TEXAS (HURRICANE BEULAH '67)		USOCD
KNOW YOUR CLOUDS		USA
●LADY CALLED CAMILLE, A		USOCD
●LADY CALLED CAMILLE, A (SPANISH)		USOCD
METEOROLOGY - FOG AND LOW CEILING CLOUDS		USN
METEOROLOGY - ICE FORMATION ON AIRCRAFT		USN
METEOROLOGY - THE COLD FRONT		USN
METEOROLOGY - THE WARM FRONT		USN
●METEOROLOGY FROM SPACE	FS	USNASA
MODERN WEATHER - THEORY AND STRUCTURE OF STORMS -WEATHER IN VARIOUS PARTS OF AN...		USAF
NEW LOOK AT FOG, A		USFAA
OPERATION NOAH		USA
OTHER SIDE OF THE RIVER, THE		USAE
PLAN FOR PROTECTION		USAE
PRESSURE SYSTEMS AND WIND		USA
RADAR EYES THE WEATHER, PT A - FUNDAMENTALS OF RADAR METEOROLOGY		USAF
●RAINDROPS AND SOIL EROSION		USDA
RENDEZOUS 90 DEGREES FAHRENHEIT SOUTH		USAF
SCATTER RADAR - SPACE RESEARCH FROM THE GROUND		USESSA
SHACKLES FOR THE GIANT		USAE
THOUSAND-MILE MIRACLE		USAE
TIME LAPSE STUDY OF ANTARCTIC ICE FLOES AND TIDAL CURRENTS		USN
TORONADO		USESSA
●WATER		USDA
●WATERS FROM THE MOUNTAIN		USDA
●WATERSHED WILDFIRE		USDA
●WEATHERPROOFING BACA COUNTY		USDA

PHYSICS

ACOUSTICS

INTRODUCTION TO UNDERWATER SOUND	USN
LINK	USAEC
OCEAN PHENOMENON - THE DEEP SCATTERING LAYER	USN
●SOUNDS ON THE SEA	USN
TALKING WITH DOLPHINS	USN
UNDERWATER SOUND - BASIC PRINCIPLES	USN

AERODYNAMICS

AERODYNAMICS - FORCES ACTING ON AN AIR FOIL	USAF
AERODYNAMICS - FUNDAMENTALS OF ROLL-DIVERGENCE	USN
●AEROELASTIC PHENOMENA AND RELATED RESEARCH	USNASA
BALLISTIC MISSILE TRAJECTORIES	USAF
BASIC HELICOPTER FLIGHT PRINCIPLES	USA
BEYOND THE STICK AND RUDDER	USAF
CROSSWIND TECHNIQUE FOR A CONVENTIONAL GEARED FIXED WING AIRCRAFT	USA
DENSITY ALTITUDE	USFAA
FLIGHT WITHOUT WINGS	USNASA
●FOOD PREPARATION (SPANISH)	USNMAC
HELICOPTER ORIENTATION - INTRODUCTION TO ROTARY WING FLIGHT	USN
HOW AIRPLANES FLY	USFAA
OPERATION OF JET AIRCRAFT ENGINES	USN
PLANETARY GEARS, PRINCIPLES OF OPERATION, PT 1, SINGLE SETS	USA
PLANETARY GEARS, PRINCIPLES OF OPERATION, PT 2, MULTIPLE SETS	USA
TURBOPROP/TURBOSHAFT ENGINES - INTRODUCTION	USN
WAKE TURBULENCE (REV)	USFAA
WHY ENGINES ARE GOVERNED	USA

ATOMIC AND NUCLEAR ENERGY

AIR AND GAS CLEANING FOR NUCLEAR ENERGY	USAEC
●ALPHA, BETA, AND GAMMA	USAEC
ANALYSIS OF NUCLEON - NUCLEON SCATTERING EXPERIMENTS	USAEC
ATOMIC POWER TODAY - SERVICE WITH SAFETY	USAEC
ATOMIC WEATHERMAN -	

STRONTIUM-90 ISOTOPIC APPLICATIONS	USAEC
COUNTING WHOLE BODY RADIOACTIVITY	USAEC
DESALTING THE SEAS	USAEC
ELEMENTS OF ELECTRICITY	USA
EXPLORATION AT BOULDER	USNBS
FABRICATION OF THE ACCELERATOR STRUCTURE	USAEC
FARM FRESH TO YOU	USAEC
FUNDAMENTALS OF RADIOACTIVITY	USA
HIGH ENERGY PEOPLE, THE	USAEC
MAN AND THE ATOM	USAEC
MEDICAL ASPECTS OF NUCLEAR RADIATION	USA
MEDICAL EFFECTS OF THE ATOMIC BOMB, PT 1, PHYSICS, PHYSICAL DESTRUCTION, CASUALTY ...	USA
NUCLEAR POWER FOR SPACE - SNAP-9A	USAEC
PERSIMMON - A NUCLEAR PHYSICS EXPERIMENT	USAEC

BIOPHYSICS

ABC OF G, THE	USN

ENERGETICS

ANALYSIS OF NUCLEON - NUCLEON SCATTERING EXPERIMENTS	USAEC
FUSION RESEARCH	USAEC
G FACTS	USAF
HIGH ENERGY PARTICLE ACCELERATORS	USAEC

KINETICS

FUNDAMENTALS OF BALLISTICS	USA
GYROSCOPE AND GRAVIATION, THE	USN
KINETIC EXPERIMENT ON WATER BOILERS	USAEC
OIL GEAR HYDRAULIC TRAVERSING MECHANISM, THE - PRINCIPLES OF OPERATION	USA
PRINCIPLE OF MOMENTS	USOE
PRINCIPLES OF GEARING - AN INTRODUCTION	USOE
PRINCIPLES OF LUBRICATION	USOE
SPERT 1 - REACTOR SAFETY EXPERIMENTS	USAEC
TENSION TESTING	USOE

MAGNETISM

AIRCRAFT MAGNETO, THE - THEORY AND OPERATION OF THE FOUR-POLE MAGNETO	USAF
MAGNETIC CORES, PT 1, PROPERTIES	USA
MAGNETIC CORES, PT 2, BASIC CIRCUITS	USA
MAGNETISM, PT A	USAF
MAGNETISM, PT B	USAF

NEUTRON

ANALYSIS OF NUCLEON - NUCLEON SCATTERING EXPERIMENTS	USAEC
ARGONNE FAST SOURCE REACTOR	USAEC
NEUTRON ACTIVATION	USAEC
NEUTRON DIFFRACTION	USAEC
NEUTRON IMAGE DETECTOR	USAEC
ORGANIC MODERATED REACTOR EXPERIMENT	USAEC
PERSIMMON - A NUCLEAR PHYSICS EXPERIMENT	USAEC
PROJECT GNOME	USAEC

PRINCIPLE

AIRCRAFT MAGNETO, THE - THEORY AND OPERATION OF THE FOUR-POLE MAGNETO	USAF
APPLICATION OF PASCAL'S LAW, PT 1	USN
APPLICATION OF PASCAL'S LAW, PT 2	USN
DERIVATION OF PASCAL'S LAW, PT 1	USN
DOPPLER PRINCIPLES	USAF
OHM'S LAW	USAF
OHM'S LAW	USA
OIL GEAR HYDRAULIC TRAVERSING MECHANISM, THE - PRINCIPLES OF OPERATION	USA
OPERATION OF JET AIRCRAFT ENGINES	USN
PLANETARY GEARS, PRINCIPLES OF OPERATION, PT 1, SINGLE SETS	USA
PLANETARY GEARS, PRINCIPLES OF OPERATION, PT 2, MULTIPLE SETS	USA
PRINCIPLES OF GAS-FILLED TUBES	USOE
PRINCIPLES OF GEARING - AN INTRODUCTION	USOE
REFRIGERATION - PRINCIPLES OF MECHANICAL REFRIGERATION	USAF
SPACE ORBITS	USAF

RADIATION

*ADDED SENSE, AN - THE DETECTION OF NUCLEAR RADIATION	USAEC
*ALPHA, BETA, AND GAMMA	USAEC
FRESHER THE BETTER, THE	USAEC
FUNDAMENTALS OF RADIOACTIVITY	USA
GREAT IS THE HOUSE OF THE SUN	USNASA
LIVING WITH RADIATION	USAEC
MAN AND RADIATION	USAEC
MANY FACES OF ARGONNE, THE	USAEC
MIT RESEARCH REACTOR	USAEC
PRINCIPLES OF X-RADIATION	USVA
PROPERTIES OF RADIATION	USA
*RADIATION DETECTION BY IONIZATION	USAEC
*RADIATION DETECTION BY SCINTILLATION	USAEC
X-RAY SPECTROSCOPY - THE INSIDE STORY	USNASA

RADIOISOTOPE

FUNDAMENTALS OF RADIOACTIVITY	USA

RESEARCH

EXPLORATION AT BOULDER	USNBS
HIGH ENERGY PARTICLE ACCELERATORS	USAEC
HIGH ENERGY PHYSICS RESEARCH	USAEC
IT'S YOU AGAINST THE PROBLEM	USNASA
LINK	USAEC
MAN AND THE ATOM	USAEC
OHM'S LAW	USAF
POETRY OF POLYMERS, THE	USNASA
PRINCIPLES OF GAS-FILLED TUBES	USOE
*REDUCED-GRAVITY SIMULATOR FOR STUDY OF MAN'S SELF LOCOMOTION	USNASA
*SPACE IN THE 70'S - THE KNOWLEDGE BANK	USNASA
TRAPPING OF FREE RADICALS AT LOW TEMPERATURES	USNBS
UNIVERSE ON A SCRATCHPAD	USNASA

SPECTRUM

ARGONNE FAST SOURCE REACTOR	USAEC

* INDICATES NEW ENTRY

PHYSICS

SPECTRUM – *(Continued)*

BETA RAY SPECTROMETER	USAEC
FREQUENCY SPECTRUM	USAF
FREQUENCY SPECTRUM	USAF
FREQUENCY SPECTRUM - WAVELENGTHS AND FREQUENCY	USAF
LIGHT-SENSITIVE MATERIALS	USN
MEASUREMENT WITH LIGHT WAVES	USOE
TRAPPING OF FREE RADICALS AT LOW TEMPERATURES	USNBS
X-RAY SPECTROSCOPY - THE INSIDE STORY	USNASA

RECREATION

CAMPING

*CREW BOSS	USDA
*RURAL HOLIDAYS	USDA
*SMOKEY THE BEAR	USDA
*TENT FLAPS AND FLAPJACKS	USDA
*VISION IN THE FOREST	USDA
*VOICE OF THE FOREST	USDA
*WILDERNESS ENCAMPMENT	USDA

CLUBS

BLUE RIBBON	USDS
FLYING CLUBS	USFAA
*THIS IS YOUR FOREST	USDA
*WILDERNESS ENCAMPMENT	USDA

LEISURE TIME

*FOREST, THE	USDA
*NATIONAL FOREST TRAILS	USDA
RECREATIONAL AND OCCUPATIONAL THERAPY	USOE
*RURAL HOLIDAYS	USDA
*STAMPS - A NATION'S CALLING CARDS	USPO
*TENT FLAPS AND FLAPJACKS	USDA
*THIS IS YOUR FOREST	USDA
*WILDERNESS TRAIL	USDA
*WILDLIFE AND THE HUMAN TOUCH	USDA
*WOODLAND MANNERS	USDA

MUSIC

CRADLE IS ROCKING, THE	USIA
HERITAGE OF THE CORPS	USMC
HYMN OF THE NATIONS	USOWIO
*JAZZ BY BERKLEE	USIA
*JAZZ IN THE CLASSROOM	USIA
LEATHERNECK AMBASSADORS	USN
*MARINE CORPS JUNIOR ROTC	USN
*MUSIC IN THE FOREST	USIA
ODE TO JOY	USOE
*PATTERNS IN JAZZ	USIA
*ROBERT JOFFREY BALLET	USIA
SYMPHONY ACROSS THE LAND	USIA
TRADITION IN MUSIC, A	USN

PHYSICAL ACTIVITIES

*AIR FORCE NOW, THE, NO. 11	USAF
COMBATIVE MEASURES - JUDO	USAF
DEEP SEA DIVING - THE DIVING DRESS	USN
DEEP SEA DIVING - THE TECHNIQUE OF DIVING	USN
EXPERIMENTAL DIVING UNIT - EVALUATION OF PHYSICAL FITNESS BY THE STEP-UP TEST	USN
FINAL GAME, THE	USIA
INTRODUCTION TO ISOKINETIC EXERCISE	USNMAC
*LOOP, THE	USN
MAKING OF A CHAMPION, THE	USIA
MAN IN SPORTS	USIA
NAVY BOBSLED RACING TEAM	USN
PERSONAL ENCOUNTER	USA
PHYSICAL FITNESS FOR WAVES - MAKEUP FROM THE NECK DOWN	USN
*RIGHT WAY, THE	USN
SWIMMING FOR SURVIVAL	USN
USAF SPORTS AND RECREATION 1964	USAF
*WINTER OLYMPICS	USDA

PLAYGROUND ACTIVITIES

TAKE SAFETY WITH YOU	USAE

SINGING

*SINGING CROSSROADERS, THE	USIA
*SMOKEY THE BEAR	USDA
*VOICE OF THE FOREST	USDA

TRAVEL

ALLIED VIEW OF AMERICAN HERITAGE, AN	USAF
HEADQUARTERS U S A	USDOD
*LAND OF THE SKY	USDA
*NATIONAL FOREST TRAILS	USDA
*WONDERS OF WILDERNESS	USDA

REHABILITATION

AMPUTEES

AMBULATION TRAINING FOR THE PARKINSON PATIENT	USNMAC
AMBULATION TRAINING OF THE HEMIPLEGIC PATIENT	USNMAC
DIARY OF A SERGEANT	USA
EMPLOYING DISABLED WORKERS IN INDUSTRY	USOE
ESTABLISHING WORKING RELATIONS FOR THE DISABLED WORKER	USOE
HYGIENIC PROCEDURES FOR THE AMPUTEE	USNMAC
INSTRUCTING THE DISABLED WORKER ON THE JOB	USOE
UPPER EXTREMITY PROSTHETIC PRINCIPLES	USVA
*WHERE THERE'S A WILL	USSRS

BLIND

BORN A MAN	USIA
EMPLOYING BLIND WORKERS IN INDUSTRY	USOE
INSTRUCTING THE BLIND WORKER ON THE JOB	USOE
LONG CANE, THE, PT 1, INDOORS	USVA
LONG CANE, THE, PT 2, OUTDOORS	USVA
MY CHILD IS BLIND	USA
WAY OUT OF THE WILDERNESS, A	USNMAC

CRIPPLED CHILDREN

WAY OUT OF THE WILDERNESS, A	USNMAC

DEAF-BLIND

DEAF-BLIND, THE	USBEH
MULTIPLE HANDICAPPED, THE	USBEH

EPILEPSY

CURRENT CONCEPTS IN EPILEPSY, PT 1, INFANTS AND CHILDREN	USNMAC
CURRENT CONCEPTS IN EPILEPSY, PT 2, ADULTS	USNMAC
MULTIPLE HANDICAPPED, THE	USBEH
SEIZURE--THE MEDICAL TREATMENT	

AND SOCIAL PROBLEMS OF EPILEPSY		USVA

EQUIPMENT

*AFTER THE ACCIDENT		USSRS
BASIC TERMINOLOGY FOR REHABILITATION APPLIANCES		USPHS
BASIC WHEELCHAIR FEATURES AND HANDLING		USPHS
BEATING THE AVERAGES		USSRS
BI-VALVE CASTS, THEIR CONSTRUCTION AND APPLICATION	FS	USNMAC
CRUTCH AND CANE MEASUREMENT		USNMAC
CRUTCH BALANCING FOR THE PARAPLEGIC PATIENT		USNMAC
ELEVATION ACTIVITIES OF THE PARAPLEGIC PATIENT		USNMAC
GAIT TRAINING OF THE PARAPLEGIC		USNMAC
HEMIPARETIC PATIENT, THE - IN AND OUT OF CAR - PATIENT WALKING WITH CANE		USNMAC
HEMIPARETIC PATIENT, THE - TRANSFER FROM WHEELCHAIR TO CAR AND REVERSE		USNMAC
INTRODUCTION TO PROLONGED ARTIFICIAL VENTILATION		USA
LONG CANE, THE, PT 1, INDOORS		USVA
LONG CANE, THE, PT 2, OUTDOORS		USVA
ORIENTATION TO THE USE OF CRUTCHES		USNMAC
PARAPLEGIC AMBULATION - INITIAL PARALLEL BAR EXERCISES		USNMAC
PARAPLEGIC PATIENT EDUCATION - MOVING IN AND OUT OF YOUR WHEELCHAIR		USNMAC
PARAPLEGIC PATIENT EDUCATION - WALKING WITH BRACES AND CRUTCHES		USNMAC
PARAPLEGIC PATIENT, THE - IN AND OUT OF CAR - PATIENT USING CRUTCHES		USNMAC
PARAPLEGIC PATIENT, THE - PUTTING ON A FULL BODY BRACE IN A WHEELCHAIR		USNMAC
PARAPLEGIC PATIENT, THE - TAKING OFF A FULL BODY BRACE IN BED		USNMAC
PARAPLEGIC PATIENT, THE - TRANSFER FROM WHEELCHAIR TO CAR AND REVERSE		USNMAC
QUADRIPARETIC PATIENT, THE - TRANSFER FROM WHEELCHAIR TO CAR AND REVERSE		USNMAC
QUADRUPARETIC PATIENT, THE - TRANSFER FROM BED TO WHEELCHAIR USING A SLIDING BOARD		USNMAC
TEACHING CRUTCH WALKING		USOE
TECHNIQUE FOR PROPELLING STANDARD WHEELCHAIR BY HEMIPLEGIC PATIENT		USNMAC
TRANSFER FROM BED TO WHEELCHAIR WITH ASSISTANCE		USNMAC
TRANSFERRING FROM WHEELCHAIR TO BED - AFFECTED SIDE OF PATIENT NEXT TO BED		USNMAC
TRANSFERRING FROM WHEELCHAIR TO BED - NON-AFFECTED SIDE OF PATIENT NEXT TO BED		USNMAC
TRANSFERRING FROM WHEELCHAIR TO BED WITH MAXIMAL ASSISTANCE		USNMAC
UPPER EXTREMITY PROSTHETIC PRINCIPLES		USVA
WHEELCHAIR TRANSFERS FOR THE PARAPLEGIC		USNMAC

HEARING AND SPEECH

*ACOUSTICS OF THE CLASSROOM		USBEH
ANOTHER VOICE		USSRS
ARTICULATORY MOVEMENTS IN THE PRODUCTION OF ENGLISH SPEECH SOUNDS, PT I, CONSONANTS		USVA
AUDITORY ASSESSMENT		USBEH
*AUDITORY FEEDBACK	MC	USBEH
*AUDITORY TRAINING DISCRIMINATION	MC	USBEH
*AUDITORY TRAINING RHYTHM	MC	USBEH
*CHART STORY, A	MC	USBEH
*COGNITIVE DEVELOPMENT		USBEH
*COGNITIVE DEVELOPMENT	MC	USBEH
*COLLEGE CLASS, A - SIMULTANEOUS COMMUNICATION	MC	USBEH
*COLLEGE CLASS, A - SIMULTANEOUS COMMUNICATION		USBEH
*COLORS - 1		USBEH
*COLORS - 2		USBEH
*COLORS - 3		USBEH
*COLORS - 4		USBEH
DEVELOPING AUDIO-VOCAL SYSTEM, THE		USBEH
*DEVELOPING IMAGINATION	MC	USBEH
*DEVELOPMENTAL AUDITORY RESPONSE PATTERNS, PTS 1 AND 2		USBEH
*DEVICES FOR SELF-HELP TASK PERFORMANCE, PT 3		USBEH
*DIAGNOSIS TECHNIQUES	MC	USBEH
*DIAGNOSTIC TECHNIQUES		USBEH
*DURATION - 1		USBEH
*DURATION - 2		USBEH
*DURATION - 3		USBEH
*EDUCATIONAL DIAGNOSIS		USBEH
*EDUCATIONAL DIAGNOSIS	MC	USBEH
*EDUCATIONAL TECHNOLOGY	MC	USBEH
*EDUCATIONAL TECHNOLOGY		USBEH
ELEMENTARY EDUCATION		USBEH
ENGLISH HIGH SCHOOL, AN		USBEH
*EXPANDING LANGUAGE	MC	USBEH
*GENERAL SPEECH PATTERNS-1		USBEH
*GENERAL SPEECH PATTERNS-2		USBEH
*GENERALIZATION OF INFORMATION	MC	USBEH
*GLASS WALL, THE		USSRS
*I WANNA KNOW	MC	USBEH
*INCIDENTAL CORRECTION OF SPEECH	MC	USBEH
INDIVIDUAL SPEECH		USBEH
INTEGRATED NURSERY, AN		USBEH
INTRAUTERINE AND NEONATAL SCREENING		USBEH
*INTRODUCTION - 1		USBEH
*INTRODUCTION - 2, PT 1		USBEH
*INTRODUCTION - 2, PT 2		USBEH
*INTRODUCTION - 2, PT 3		USBEH
JOURNEY BACK		USVA
*LEARNING TO SPEAK, PT 1		USDHEW
*LEARNING TO SPEAK, PT 2		USBEH
*LINGUISTIC ANALYSIS	MC	USBEH
*LISTEN AND TRANSCRIBE	RT	USBEH
*LOUDNESS - 1		USBEH
*LOUDNESS - 2		USBEH
*LOUDNESS - 3		USBEH
*MAKING CONTACT - A BEGINNING IN SPEECH AND LANGUAGE THERAPY		USDHEW
*MEASURING HEARING		USBEH
MECHANISMS OF THE INTRINSIC MUSCLES OF THE LARYNX		USNMAC
*MICROPHONE TECHNIQUES	MC	USBEH
*MONTESSORI		USBEH
*MULTI-SENSORY INPUT FEEDBACK	MC	USBEH
MULTIPLE HANDICAPPED, THE		USBEH

* INDICATES NEW ENTRY

REHABILITATION

HEARING AND SPEECH – *(Continued)*

PARENT EDUCATION		USBEH
PARENT EDUCATION AT HEIDELBERG		USBEH
*PARENTS EDUCATION PROGRAMS		USDHEW
PARTIALLY HEARING, THE		USBEH
*PET PEEVES	MC	USBEH
*PITCH	MC	USBEH
*PITCH - 1		USBEH
*PITCH - 2		USBEH
*PITCH - 3		USBEH
*PITCH - 4		USBEH
*PITCH - 5		USBEH
*PRECISION OF ARTICULATION IN HEARING CHILDREN		USDHEW
*PRESCHOOL LESSON IN CUED SPEECH, A		USBEH
*PRESCHOOL LESSON IN CUED SPEECH, A	MC	USBEH
*PROBLEMS IN ACADEMIC TASK PERFORMANCE, PT 1		USOE
*PROBLEMS OF SELF-HELP TASK PERFORMANCE, PT 2		USOE
*PROJECT SPOT--A SERIES		USBEH
*SAY IT WITH HANDS--A SERIES		USBEH
SCHOOL OTOLOGICAL-AUDIOLOGICAL FOLLOW-UP		USBEH
*SELF MONITORING PRACTICE	MC	USBEH
*SH - 01		USBEH
*SH - 02		USBEH
*SH - 03, PT 01		USBEH
*SH - 03, PT 02		USBEH
*SH - 03, PT 03		USBEH
*SH - 04		USBEH
*SH - 05		USBEH
*SH - 06		USBEH
*SH - 07		USBEH
*SH - 08		USBEH
*SH - 09		USBEH
*SH - 10		USBEH
SILENT WORLD, MUFFLED WORLD		USNMAC
*SIMPLIFICATION OF TRANSFORMATIONS	MC	USBEH
*SOUND DISCRIMINATION OF HEARING IMPAIRED		USBEH
SOUND PERCEPTION METHOD, THE		USBEH
*SPEECH - UPPER GRADE LEVEL		USBEH
*SPEECH - UPPER GRADE LEVEL	MC	USBEH
*SPEECH KIT - 1		USBEH
*SPEECH KIT - 2		USBEH
*SPEECH KIT - 3		USBEH
SPEECH READING		USA
SPEECH TECHNIQUES		USA
*STORY-TELLING	MC	USBEH
*STORY-TELLING		USBEH
*TEACHER TALKS TO ME	MC	USBEH
*TECHNIQUES OF SPEECH CORRECTION		USBEH
*TECHNIQUES OF SPEECH CORRECTION	MC	USBEH
TO HEAR AGAIN		USA
*USE OF OVERHEAD PROJECTOR	MC	USBEH
VERBAL IMPAIRMENT ASSOCIATED WITH BRAIN DAMAGE		USNMAC
*VOCAL APPROACH	MC	USBEH
*YOU ARE WELCOME - 1		USBEH
*YOU ARE WELCOME - 2		USBEH
*YOU ARE WELCOME - 3		USBEH
*YOU ARE WELCOME - 4		USBEH
*YOU ARE WELCOME - 5		USBEH
*YOU ARE WELCOME - 6		USBEH

LEARNING DISABILITIES

*DEVICES FOR SELF-HELP TASK PERFORMANCE, PT 3		USBEH
INTRODUCTION TO APHASIA		USVA
*MONTESSORI		USBEH
MULTIPLE HANDICAPPED, THE		USBEH
NON-VERBAL COMMUNICATION		USVA
SPACE TO GROW, A		USOEO
*TO FIND ANSWERS		USSRS

MENTAL RETARDATION

DIAPERS AWAY - TOILET TRAINING MENTALLY RETARDED CHILDREN IN GROUPS	FS	USSRS
DIAPERS AWAY - TOILET TRAINING THE MENTALLY RETARDED CHILD AT HOME	FS	USSRS
FOUNDATION FOR GROWTH		USBEH
*GREAT EXPECTATIONS		USSRS
GROWING UP AT THE TABLE	RD	USNMAC
GROWING UP AT THE TABLE - TEACHING FEEDING SKILLS TO MENTALLY RETARDED CHILDREN IN GROUPS	FS	USSRS
GROWING UP AT THE TABLE - TEACHING FEEDING SKILLS TO THE MENTALLY RETARDED CHILD AT HOME	FS	USSRS
HANDLE WITH CARE		USPHS
HEADBANGERS, THE		USPHS
*LIGHT FOR DEBRA, A		USBEH
LIGHT FROM A BLACK BOX		USOE
*MENTAL RETARDATION PLUS - THE TWICE AFFLICTED		USDHEW
MULTIPLE HANDICAPPED, THE		USBEH
ORAL HYGIENE - TECHNIQUES FOR MAINTENANCE OF DENTAL HEALTH OF THE PHYSICALLY ..	FS	USNMAC
*ORDINARY WORK		USSRS
PATH TO FULFILLMENT		USBEH
*PATTERN FOR CHANGE		USBEH
TAKE THAT FIRST STEP		USNMAC
TEACHING THE MENTALLY RETARDED - A POSITIVE APPROACH		USNMAC
WAY OUT OF THE WILDERNESS, A		USNMAC

OCCUPATIONAL THERAPY

CARE OF THE CARDIAC PATIENT		USOE
EMPLOYING BLIND WORKERS IN INDUSTRY		USOE
EMPLOYING DISABLED WORKERS IN INDUSTRY		USOE
ESTABLISHING WORKING RELATIONS FOR THE DISABLED WORKER		USOE
JOURNEY BACK		USVA
*KEYSTONE OF COMPETENCE		USBEH
LIVING WITH LIMITATIONS		USVA
*NEW START, A		USSRS
NEW WORK FOR GREENVILLE		USSRS
OCCUPATIONAL THERAPY EVALUATION OF THE HEMIPLEGIC PATIENT		USNMAC
PARAPLEGIC PATIENT EDUCATION - AN ACTIVE FUTURE		USNMAC
PRESCRIPTION O T		USVA
RECREATIONAL AND OCCUPATIONAL THERAPY		USOE

PHYSICAL THERAPY

BODY MECHANICS		USNMAC
ELEVATION ACTIVITIES OF THE PARAPLEGIC PATIENT		USNMAC
EXERCISES TO MOBILIZE THE SHOULDER		USNMAC
FUNDAMENTALS OF MASSAGE		USOE
GAIT TRAINING OF THE PARAPLEGIC		USNMAC
HEMIPARETIC PATIENT, THE - CHANGING POSITION IN BED		USNMAC
HEMIPARETIC PATIENT, THE - IN		

* INDICATES NEW ENTRY

AND OUT OF CAR - PATIENT WALKING WITH CANE	USNMAC
HEMIPARETIC PATIENT, THE - SITTING UP AND LYING DOWN IN BED	USNMAC
HEMIPARETIC PATIENT, THE - TRANSFER FROM WHEELCHAIR TO CAR AND REVERSE	USNMAC
HEMIPLEGIC PATIENT, THE, PT 2, BED POSITIONING OF THE ACUTE HEMIPLEGIC PATIENT	USNMAC
HEMIPLEGIC PATIENT, THE, PT 3, EVALUATION OF THE HEMIPLEGIC PATIENT FOR STANDING	USNMAC
HEMIPLEGIC PATIENT, THE, PT 4, PASSIVE RANGE OF MOTION	USNMAC
HYDROTHERAPY	USOE
INDEPENDENT AMBULATION AND ELEVATION ACTIVITIES OF THE HEMIPLEGIC PATIENT	USNMAC
INTRODUCTION TO ISOKINETIC EXERCISE	USNMAC
JOURNEY BACK	USVA
LIVING WITH LIMITATIONS	USVA
LONG CANE, THE, PT 1, INDOORS	USVA
LONG CANE, THE, PT 2, OUTDOORS	USVA
PARAPLEGIC AMBULATION - INITIAL PARALLEL BAR EXERCISES	USNMAC
PARAPLEGIC PATIENT EDUCATION - ACTIVITIES IN YOUR NEW LIFE	USNMAC
PARAPLEGIC PATIENT EDUCATION - JOINT MOTION	USNMAC
PARAPLEGIC PATIENT EDUCATION - MOVING IN AND OUT OF YOUR WHEELCHAIR	USNMAC
PARAPLEGIC PATIENT EDUCATION - PLANNING YOUR BOWEL PROGRAM	USNMAC
PARAPLEGIC PATIENT EDUCATION - PREVENTION OF SKIN PROBLEMS	USNMAC
PARAPLEGIC PATIENT EDUCATION - PREVENTION OF BLADDER PROBLEMS	USNMAC
PARAPLEGIC PATIENT EDUCATION - THE EFFECTS OF SPINAL CORD INJURY	USNMAC
PARAPLEGIC PATIENT EDUCATION - WALKING WITH BRACES AND CRUTCHES	USNMAC
PARAPLEGIC PATIENT, THE - PUTTING ON A FULL BODY BRACE IN A WHEELCHAIR	USNMAC
PARAPLEGIC PATIENT, THE - TAKING OFF A FULL BODY BRACE IN BED	USNMAC
PHYSICAL MANIFESTATIONS AND GOALS OF TREATMENT FOR THE PARKINSON PATIENT	USNMAC
QUADRUPARETIC PATIENT, THE - CHANGING POSITION AND SITTING UP IN BED	USNMAC
QUADRUPARETIC PATIENT, THE - SITTING BALANCE IN BED	USNMAC
QUADRUPARETIC PATIENT, THE - TRANSFER FROM BED TO WHEELCHAIR USING A SLIDING BOARD	USNMAC
RESPIRATORY EXERCISES FOR THE PARKINSON PATIENT	USNMAC
SHORT WAY HOME, THE	USNMAC
SOCIAL ADJUSTMENT FOR THE APHASIC PATIENT	USVA
STEPS TO RECOVERY - REHABILITATION OF THE PATIENT WITH PULMONARY TUBERCULOSIS	USA
STRETCHING AND MOBILIZATION FOR THE PARKINSON PATIENT	USNMAC
TEACHING CRUTCH WALKING	USOE
TECHNIQUE FOR PROPELLING STANDARD WHEELCHAIR BY HEMIPLEGIC PATIENT	USNMAC
THERAPEUTIC EXERCISE--INTRODUCTION	USA
TRANSFER FROM BED TO WHEELCHAIR WITH ASSISTANCE	USNMAC
TRANSFERRING FROM WHEELCHAIR TO BED - AFFECTED SIDE OF PATIENT NEXT TO BED	USNMAC
TRANSFERRING FROM WHEELCHAIR TO BED - NON-AFFECTED SIDE OF PATIENT NEXT TO BED	USNMAC
WHEELCHAIR TRANSFERS FOR THE PARAPLEGIC	USNMAC

SAFETY

ACCIDENT PREVENTION

AIRCRAFT ACCIDENT INVESTIGATION		USAF
BOILER REPAIR, WATER SIDE - REMOVING BOILER TUBES		USN
BOILER REPAIRS, FIRE SIDE - INSTALLING PLASTIC CHROME		USN
BOILER REPAIRS, FIRE SIDE - INSTALLING PLASTIC FIRE BRICK		USN
*CAUSES AND PREVENTION OF MINE FIRES AND EXPLOSIONS		USBM
CHEMICAL LAB SAFETY		USNMAC
*CLIMBING AND WORKING ON POLES		USA
*COAL MINER TODAY		USBM
*COLOR FOR SAFETY		USBM
*CONTACT THAT KILLS		USBM
*CONVEYOR BELTS - BE CAREFUL		USBM
CRANE OPERATIONS - FLOATING CRANES		USN
CRANE OPERATIONS - SAFETY PRECAUTIONS		USN
*DANGERS ALONG HAULAGEWAYS		USBM
*DO IT WITH E'S		USDA
*DON'T BUILD THAT ROCKET ALONE	FS	USNASA
*ELECTRICAL EQUIPMENT - MASTER OR SERVANT		USBM
ENGINE CHANGE - INSTALLATION		USOE
*ERECTING LARGE POLES		USA
*FIRST MINUTE, THE		USBM
*FIRST THINGS FIRST		USBM
FLIGHT LINE SAFETY		USA
FOREIGN OBJECTS DAMAGE TO ARMY AIRCRAFT		USA
*HAULAGE SAFETY IN LOW-COAL MINES		USBM
HAZARDS IN GROUND OPERATION OF JET AIRCRAFT		USN
*HAZARDS OF CHURN DRILLING		USBM
HIDDEN HAZARDS, THE		USPHS
*HORSE SENSE		USDA
HOSPITAL FOOD SERVICE SAFETY		USNMAC
HOW TO PREVENT PRIVATE VEHICLE ACCIDENTS		USA
*INVESTIGATION - A TOOL FOR ACCIDENT PREVENTION		USBM
*IT CAN'T HAPPEN TO ME - THE ANATOMY OF AN ACCIDENT		USNASA
LABORATORY DESIGN FOR MICROBIOLOGICAL SAFETY		USNMAC
LESSONS LEARNED FROM AIRCRAFT ACCIDENTS - KNOW YOUR AIRCRAFT		USA
*LOADING AND UNLOADING POLES		USA
*MAGIC OF FIRE, THE		USBM
MAINTENANCE SAFETY IN AVIATION - MURPHY'S LAW		USN

* INDICATES NEW ENTRY

SAFETY

ACCIDENT PREVENTION – *(Continued)*

*MAKE THE ROOF SAFE	USBM
*MAN AND HIS HABITS	USBM
MAN AND SAFETY - PHYSICAL LIMITATIONS	USAF
*MANAGEMENT'S ROLE IN HEALTH AND SAFETY	USBM
MATERIALS HANDLING EQUIPMENT OPERATION - GANTRY TRUCK AND WAREHOUSE CRANES	USN
MEDICAL ASPECTS OF DIVING, PT 1, THE MECHANICAL EFFECTS OF PRESSURE	USN
*MOTIVATION - A MEANS TO ACCIDENT PREVENTION	USBM
OFF-SITE MONITORING OF FALLOUT FROM NUCLEAR TESTS	USNMAC
*OH! MY ACHING BACK	USBM
ON POST SAFETY	USA
*OPEN-PIT MINING HAZARDS	USBM
*ORIENTATION AND INDOCTRINATION OF SAFE WORKMEN	USBM
PATH TO SAFETY	USFAA
PHYSIOLOGY OF HIGH ALTITUDE FLYING	USN
*PLAN FOR SURVIVAL	USBM
PLIERS AND SCREW DRIVERS	USA
RADIATION SAFETY IN NUCLEAR ENERGY EXPLORATIONS	USNMAC
RECIPROCATING PUMP OPENING FOR INSPECTION	USN
*SAFE USE OF PESTICIDES	USDA
*SAFETY CONSCIOUSNESS	USBM
*SAFETY FOR SURE	USDA
SAFETY IN HIGHWAY SURVEYING	USFHWA
SAFETY ON-THE-JOB AT SEA	USN
*SAFETY PRACTICES IN LOW-COAL MINING	USBM
SAFETY PRECAUTIONS FOR ELECTRONICS PERSONNEL	USN
SEATBELTS, YOUR LIFE INSURANCE	USAF
*SELL SAFETY	USBM
SHOP SAFETY	USA
*SHUTTLE CAR OPERATOR	USBM
SLINGING LOAD	USN
TIME AND TIDE	USAF
TO LIVE IN DARKNESS	USN
TRAPPED (RESCUE WORK)	USDOD
*WHO IS RIGHT OR WRONG	USBM
*WINTER OLYMPICS	USDA
YOU CAN'T BITE BACK	USPO
*YOU ONLY LIVE ONCE	USPOST
*YOUR WORST ENEMY	USBM

AIR

AIRCRAFT ACCIDENT INVESTIGATION	USAF
AIRCRAFT CRASH FIRE INCIDENT SIMULATION TESTS OF THE LIGHT WATER TWINNED AGENT SYSTEM	USN
AIRCRAFT FAMILIARIZATION - T2J-1 BUCKEYE, EMERGENCY PROCEDURES	USN
AIRCRAFT FIRE AND RESCUE PROCEDURES	USAF
BAILING OUT	USN
BIRD AIRCRAFT STRIKE HAZARDS	USAF
DENSITY ALTITUDE	USFAA
*EAGLE EYED PILOT	USFAA
FLYING IN A PRESSURE CABIN	USN
FOREIGN OBJECTS DAMAGE TO ARMY AIRCRAFT	USA
GROUND SAFETY ON THE FLIGHT LINE, PT 1	USAF
GROUND SAFETY ON THE FLIGHT LINE, PT 2	USAF
HAZARDS IN GROUND OPERATION OF JET AIRCRAFT	USN
*HAZARDS OF TIRE HYDROPLANING TO AIRCRAFT OPERATION	USNASA
HELICOPTER - ARCTIC OPERATIONS	USAF
LESSONS LEARNED FROM AIRCRAFT ACCIDENTS - KNOW YOUR AIRCRAFT	USA
METEOROLOGY - ICE FORMATION ON AIRCRAFT	USN
METEOROLOGY - THE COLD FRONT	USN
METEOROLOGY - THE WARM FRONT	USN
MINUTE SAVED, THE	USA
MOODS IN SAFETY	USAF
OTHER PASSENGER, THE	USFAA
PATH TO SAFETY	USFAA
PHYSIOLOGY OF HIGH ALTITUDE FLYING	USN
RESTRAINT FOR SURVIVAL	USFAA
SAFETY BY THE NUMBERS	USFAA
*SMOKEJUMPERS	USDA
TO SAVE A LIFE	USFAA
TRANSPORT CRASH SAFETY TESTS, PT 1	USFAA
TRANSPORT CRASH SAFETY TESTS, PT 2	USFAA
UNKNOWN THIRTY-SIX SECONDS, THE - AIRCRAFT ACCIDENT INVESTIGATION	USAF

AUTOMOBILE

AUTOMOBILE TIRE HYDROPLANING - WHAT HAPPENS	USNASA
CYCLE LOGIC - CYCLE SAFETY	USAF
DRIVING THE SEMI-TRAILER	USA
*EXPECT THE UNEXPECTED	USPOST
*GREATER ADVENTURE, THE	USAF
HOLIDAY TRAFFIC SAFETY - HOME FOR THE HOLIDAYS	USAF
HOW TO PREVENT PRIVATE VEHICLE ACCIDENTS	USA
MORAL RESPONSIBILITY OF SAFETY	USA
NIGHTMARE FOR THE BOLD	USAF
OPERATOR AND HIS JOB, THE	USOE
OPERATOR AND HIS PASSENGERS, THE	USOE
OPERATOR AND SAFETY, THE	USOE
PASSENGERS - DRIVING HAZARDS - SAFETY	USOE
SAFE DRIVING IN BAD WEATHER, PT I, LIGHT VEHICLES	USAF
SAFE DRIVING IN BAD WEATHER, PT 2, TRUCKS AND TRACTOR-TRAILERS	USAF
SEATBELTS, YOUR LIFE INSURANCE	USAF
*TRAFFIC SAFETY ADVANCED DRIVING - THE GREATER ADVENTURE	USAF
*YOU ONLY LIVE ONCE	USPOST
YOUR DRIVING HABITS	USOE

FIRE

ARCTIC FIRE PROTECTION	USAF
BLANKET FOR SURVIVAL	USFAA
*BUILDING THE FIRE LINE	USDA
*BUILDING THE FIRE LINE (SPANISH)	USDA
*BURNING ISSUE	USDA
*CAUSES AND PREVENTION OF MINE FIRES AND EXPLOSIONS	USBM
*COACHING ON THE JOB	USDA
*CREW BOSS	USDA
*DAYS OF A TREE	USDA
*ELECTRICAL EQUIPMENT - MASTER OR SERVANT	USBM

* INDICATES NEW ENTRY

FIELD BURNOUT TESTS OF APARTMENT DWELLING UNITS		USNBS
*FIGHTING COAL MINE FIRES		USBM
*FIRE CONTROL SIMULATOR		USDA
*FIRE FIGHTING IN THE MINERAL INDUSTRY		USBM
FIRE FIGHTING IN THE NUCLEAR AGE		USAEC
FIRE LOSS MANAGEMENT, PT 2, COMPUTER INSTALLATIONS		USAEC
*FIRE PLOW PERFORMANCE AND USE		USDA
FIRE PREVENTION - KNOW YOUR FIRE HAZARDS		USN
FIRE PREVENTION - THE NATURE OF FIRE		USN
FIRE PREVENTION AND THE HOME		USAF
*FIRE VS FIRE		USDA
*FIRE WEATHER		USDA
FIREFIGHTING ABOARD TANKERS		USCG
*HELICOPTER MANAGEMENT		USDA
*HELICOPTER MANAGEMENT (SPANISH)		USDA
*HELICOPTERS IN FIRE CONTROL		USDA
INSPECTION, MAINTENANCE, AND OPERATION OF AUTOMATIC SPRINKLER SYSTEMS		USAF
*INTRODUCTION TO FIRE BEHAVIOR		USDA
*INTRODUCTION TO FIRE BEHAVIOR (SPANISH)		USDA
*LITTLE FLAME, A		USDA
*LITTLE SMOKEY		USDA
*MAGIC OF FIRE, THE		USBM
*MAN AGAINST FIRE		USDA
*MAN AGAINST FIRE (SPANISH)		USDA
*MEN, WOMEN AND CHILDREN		USDA
*MYSTERY AT SMOKY HOLLOW		USDA
*NINE OUT OT TEN		USDA
OBJECT LESSON IN FIRE PREVENTION, AN		USN
*ONE MAN FLAIL TRENCHER		USDA
*ONLY A BUNCH OF TOOLS		USDA
*PRESCRIBED BURNING IN THE SOUTH		USDA
*SECTOR BOSS		USDA
SHIPYARD FIRE AND EXPLOSION HAZARDS		USDL
*SMOKE IN THE HOLLOW		USDA
*SMOKEJUMPERS		USDA
*SMOKEY AND HIS FRIENDS		USDA
*SMOKEY AND THE LITTLE BOY		USDA
*SMOKEY THE BEAR		USDA
*SMOKEY'S STORY		USDA
*SNUFFY - SMOKEY BEAR'S PAL		USDA
*THERE COMES A TOMORROW		USDA
*USE OF FIRE IN SLASH DISPOSAL		USDA
*VISION IN THE FOREST		USDA
*VOICE OF THE FOREST		USDA
*VOLUNTEER FIREMAN, THE		USDA
*WATER ON THE FIRE		USDA
*WATERSHED WILDFIRE		USDA
*WHAT NOW SKIPPER?		USCG
*WHO IS RIGHT OR WRONG		USBM
*WOODLAND MANNERS		USDA
*YOUR WAY OUT		USDA

INDUSTRY

AIR FORCE OCCUPATIONAL MEDICAL PROGRAM		USAF
*AIR WE BREATHE IN INDUSTRIAL ENVIRONMENTS, THE		USBM
*AUDIO AID ON OSHA RECORDKEEPING, AN	RT	USOSHA
*BUILDING THE FIRE LINE		USDA
*BUILDING THE FIRE LINE (SPANISH)		USDA
*CARE AND USE OF A PERMISSIBLE FLAME SAFETY LAMP, THE		USBM
*CAUSES AND PREVENTION OF MINE FIRES AND EXPLOSIONS		USBM
CHEMICAL SAFETY IN AERIAL APPLICATION		USFAA
CHISELS		USA
*COAL MINER TODAY		USBM
*COLOR FOR SAFETY		USBM
*CONSTRUCTION SAFETY AND HEALTH TRAINING COURSE	SL	USDL
*CONTACT THAT KILLS		USBM
*CONVEYOR BELTS - BE CAREFUL		USBM
*DANGERS ALONG HAULAGEWAYS		USBM
*FALL GUYS, THE		USBM
*FIGHTING COAL MINE FIRES		USBM
*FIRE VS FIRE		USDA
*FIRE WEATHER		USDA
*FIRST THINGS FIRST		USBM
*FOREMANSHIP TRAINING - A SERIES		USBM
*HANDLING LIVESTOCK SAFELY		USDA
*HAULAGE SAFETY IN LOW-COAL MINES		USBM
*HAZARDS OF CHURN DRILLING		USBM
HOSPITAL FOOD SERVICE SAFETY		USNMAC
INDUSTRIAL HYGIENE - RIGHT MAKES SAFE		USN
*INVESTIGATION - A TOOL FOR ACCIDENT PREVENTION		USBM
*LIFTING-A-WEIGHT AWAY		USPOST
*MAGIC OF FIRE, THE		USBM
*MAKE THE ROOF SAFE		USBM
*MAN AND HIS HABITS		USBM
*MAN'S SHORTCOMINGS		USBM
*MANAGEMENT'S ROLE IN HEALTH AND SAFETY		USBM
*MECHANIZED TRAIL EQUIPMENT		USDA
*MINE RESCUE CONTEST TRAINING		USBM
*MOTIVATION - A MEANS TO ACCIDENT PREVENTION		USBM
*NARRATIVE CONSTRUCTION SAFETY AND HEALTH TRAINING COURSE	SL	USDL
*OH! MY ACHING BACK		USBM
ONE HUNDRED FIFTEEN - DEADLY SHIPMATE		USN
*ONE MAN FLAIL TRENCHER		USDA
*OPEN-PIT MINING HAZARDS		USBM
*OPERATION RESPONSIBLE - SAFE REFUSE COLLECTION - INSTRUCTOR'S COURSE	SL	USEPA
*OPERATION RESPONSIBLE - SAFE REFUSE COLLECTION - TRAINING COURSE	SL	USEPA
*OPERATION RESPONSIBLE - SAFE REFUSE COLLECTION		USEPA
*ORIENTATION AND INDOCTRINATION OF SAFE WORKMEN		USBM
*PLAN FOR SURVIVAL		USBM
*PROTECTION AGAINST RADIOACTIVITY IN URANIUM MINES		USBM
RAILROAD SAFETY		USA
*ROCK BOLTING IN ORE MINES		USBM
*ROOF BOLTING IN COAL MINES		USBM
*SAFE SIDE CLYDE		USDA
*SAFETY FOR SURE		USDA
SAFETY IN HIGHWAY SURVEYING		USFHWA
*SAFETY IN STRIP MINING		USBM
SAFETY IN THE SHOP		USOE
SAFETY IN THE SHOP (SPANISH)		USOE
*SAFETY PRACTICES IN LOW-COAL MINING		USBM
SAFETY PRECAUTIONS FOR ELECTRONICS PERSONNEL		USN

* INDICATES NEW ENTRY

SAFETY

INDUSTRY – *(Continued)*

*SELL SAFETY	USBM
*SET THE PACE	USBM
SHOP SAFETY	USA
*SHUTTLE CAR OPERATOR	USBM
*SUPERVISORY TRAINING - A SERIES	USBM
*TEACH SAFETY	USBM
*THIS IS OSHA	USDL
*WHO IS RIGHT OR WRONG	USBM
*WINTER WALKING	USPOST
*YOU ONLY LIVE ONCE	USPOST
*YOUR WORST ENEMY	USBM

MOUNTAINEERING

*SAFETY IN MOUNTAIN SURVEYING	USFHWA

WATER

ABANDON SHIP		USN
BE WATER WISE - BOATING		USAF
BE WATER WISE - SWIMMING		USAF
BEAVER SELJA INCIDENT, THE		USN
*BOARDING PROCEDURES		USCG
BOATING SAFETY, PT B, COURTESY AFLOAT		USCG
BOATING SAFETY, PT C, SAFETY EQUIPMENT		USCG
CAPSIZING, SINKINGS AND FALLS OVERBOARD		USCG
COAST GUARD AUXILIARY		USCG
COASTAL SEARCH AND RESCUE		USCG
DROWNPROOFING - SAFETY AND SURVIVAL TECHNIQUES FOR SWIMMERS AND NON-SWIMMERS		USOEO
FIREFIGHTING - SAFETY ABOARD TANKERS		USCG
HALIFAX INCIDENT, THE		USN
INVASION BY OIL		USAE
MEDICAL ASPECTS OF DIVING, PT 1, THE MECHANICAL EFFECTS OF PRESSURE		USN
MEDICAL ASPECTS OF DIVING, PT 2, EFFECTS OF ELEVATED PARTIAL PRESSURE OF GASES		USN
MERCHANT MARINE SAFETY		USCG
*S O S COURSE, THE	FS	USCG
SAFETY ON-THE-JOB AT SEA		USN
SWIMMING FOR SURVIVAL		USN
TAKE SAFETY WITH YOU		USAE
*UNDERSEA EXPLORER		USN
*WHAT NOW SKIPPER?		USCG

SOCIOLOGY

AGING

*AFTER AUTUMN	USSRS
DENTAL CARE FOR THE CHRONICALLY ILL AND AGED	USNMAC
LATER YEARS OF THE WOODLEYS, THE	USSRS
MEDICARE	USSSA
*NEVER TRUST ANYONE UNDER 60	USSRS
*SEASONS	USSRS
*STEP ASIDE, STEP DOWN	USSRS
*THAT THE LAST BE THE BEST	USSRS
YOU AND MEDICARE	USSSA

ANTHROPOLOGY

ALASKAN PATROL	USCG
BATTLE OF CHINA, THE	USWD
CELEBRATIONS	USIA
FEAST, THE	USAEC
*GOOD NEIGHBOR FAMILY	USCIAA
GREECE	USDOD
*HISTORY OF U S FOREIGN RELATIONS, THE - A SERIES	USDS
ICELAND	USDOD
*INDIAN FOR A CHANGE	USDL
*INDIAN TO INDIAN	USDL
INTRODUCING BELGIUM	NATO
INTRODUCING CANADA	NATO
INTRODUCING DENMARK	NATO
INTRODUCING FRANCE	NATO
INTRODUCING GERMANY	NATO
INTRODUCING GREECE	NATO
INTRODUCING ICELAND	NATO
INTRODUCING ITALY	NATO
INTRODUCING LUXEMBOURG	NATO
INTRODUCING NORWAY	NATO
INTRODUCING PORTUGAL	NATO
INTRODUCING THE NETHERLANDS	NATO
INTRODUCING THE UNITED KINGDOM	NATO
INTRODUCING THE UNITED STATES	NATO
INTRODUCING TURKEY	NATO
*LA PAZ	USCIAA
LAREDO TO PANAMA - THE INTER-AMERICAN HIGHWAY	USFHWA
LATIN AMERICA	USDOD
MUSEUM OF SCIENCE AND INDUSTRY, THE	USDS
NATIONAL FOLK FESTIVAL, PT 1	USA
NATIONAL FOLK FESTIVAL, PT 2	USA
NATIONAL FOLK FESTIVAL, PT 3	USA
NORTHWEST U S A	USOWIO
PANAMA	USDOD
*PROSPECT OF TURKEY	NATO
*TOTEM POLES	USDA

COMMUNITY LIFE

ANOTHER WAY	USOEO
AT THE CROSSROADS	USNMAC
AT THE CROSSROADS	USNMAC
BLUE RIBBON	USDS
*CAUSE FOR CONCERN, A	USN
*CHANGING	USNIMH
*CITIES IN QUEST OF TOMORROW	USHUD
CITY LETTER CARRIER	USPO
COMMUNITY ADVISORY COMMITTEE, A	USDS
*COMMUNITY IN QUEST, THE	USNIMH
CUMMINGTON STORY, THE	USOWIO
DAY IN AMERICA, A	USDOD
*DAY ON AN AMERICAN FARM, A	USDA
DEMAND TO BE HEARD, A	USSRS
DESIGN FOR DENTAL HEALTH	USDDH
*DRUG DIALOGUE - INVOLVEMENT	USNIMH
ECCO	USSRS
FACTORY WORKER TURNS FARMER	USDS
FAIR CHANCE, A	USIA
FOUR CHILDREN	USOEO
*GET IT ALL TOGETHER	USSRS
GOODBYE MRS PILGRIM	USIA
GRAND CENTRAL MARKET	USIA
IMAGE CHANGERS, THE	USOJD
IMPRESSIONABLE YEARS, THE	USIA
INDEPENDENCE DAY, U S A	USIA
*INDIAN TO INDIAN	USDL
*IT HAPPENS EVERY NOON	USDA
*IT HAPPENS EVERY NOON (SPANISH)	USDA
JENNY IS A GOOD THING	USHS
JENNY IS A GOOD THING (SPANISH)	USHS
LEADERS OF TOMORROW	USA
LITTLE EXTRA WORK, A	USNMAC
*LITTLE FLAME, A	USDA
MAKING ENDS MEET	USSRS
MIRROR OF AMERICA	USGSA
NATIONAL FOLK FESTIVAL, PT 1	USA
NATIONAL FOLK FESTIVAL, PT 2	USA

* INDICATES NEW ENTRY

COMMUNITY LIFE – *(Continued)*

NATIONAL FOLK FESTIVAL, PT 3	USA
NOW WE ARE FREE	USIA
OPEN SPACE	USHUD
OPERATION HEAD START	USHS
OUR TOWN IS OUR CLASSROOM	USA
OWL WHO GAVE A HOOT, THE	USOEO
OWL WHO GAVE A HOOT, THE (SPANISH)	USOEO
*PATTERN FOR CHANGE	USBEH
*PLACE TO MEET, A - A WAY TO UNDERSTAND	USSRS
*POVERTY IN RURAL AMERICA	USDA
QUIET SUMMER, THE	USOJD
*REA STORY, THE	USDA
REHAB	USHUD
RENAISSANCE OF A CITY	USIA
*SAFEST PLACE, THE	USDA
*SAFEST PLACE, THE (SPANISH)	USDA
*SMOKE IN THE HOLLOW	USDA
STEEL TOWN	USOWIO
SWEDES IN AMERICA	USOWIO
*TEAMWORK ON THE NEVADA RANGE	USDA
TENDER POWER, THE	USIA
*THERE COMES A TOMORROW	USDA
THERE WAS A NEED	USIA
TOWER OF LEARNING	USIA
TOWN, THE	USOWIO
*VISION IN THE FOREST	USDA
*WE SHOW THE WAY	USDA
WEDNESDAY IN APRIL	USIA
WHILE I RUN THIS RACE	USOEO
WITH NO ONE TO HELP US	USOEO
WOMEN WHO CARE	USIA
YEAR IN AMERICA, A	USIA
YEAR TOWARD TOMORROW, A	USOEO

CRIME

DANGEROUS WAR TROPHIES	USA
THEY'RE OUT TO GET YOU	USSBA

HUMAN RELATIONS

*AFTER AUTUMN	USSRS
*AIR FORCE NOW, THE, NO. 11	USAF
*AIR FORCE NOW, THE, NO. 15	USAF
*AIR FORCE NOW, THE, NO. 19	USAF
*AIR FORCE NOW, THE, SCRAPBOOK, NO. 9	USAF
APOLLO 13 - HOUSTON, WE'VE GOT A PROBLEM	USNASA
*CAUSE FOR CONCERN, A	USN
*COMMUNITY IN QUEST, THE	USNIMH
*DAYS OF A TREE	USDA
DENTAL OFFICE EMERGENCIES, PT 1	USVA
DENTAL OFFICE EMERGENCIES, PT 2	USVA
DENTAL OFFICE EMERGENCIES, PT 3	USVA
DENTAL OFFICE EMERGENCIES, PT 4	USVA
FAMILY OF MAN, THE	USIA
FIFTY-FIFTY CHANCE, A	USNMAC
GAP, THE	USSRS
IF I WERE YOU	USAF
IMAGE CHANGERS, THE	USOJD
IMPROVING THE JOB	USOE
IN HONOR OF LIBERTY	USDOD
INNOCENT PARTY, THE (SPANISH)	USNMAC
JOB APPEAL	USNMAC
LETTER FROM A MOTHER	USA
LITTLE EXTRA WORK, A	USNMAC
MAINTAINING GOOD WORKING CONDITIONS	USOE
MAINTAINING GOOD WORKING CONDITIONS (SPANISH)	USOE
MAINTAINING WORKERS' INTEREST	USOE
MAINTAINING WORKERS' INTEREST (SPANISH)	USOE
*MAKE THE ROOF SAFE	USBM
*MAN'S SHORTCOMINGS	USBM
*MARK WATERS STORY, THE	USNMAC
*MEN, WOMEN AND CHILDREN	USDA
MOODS IN SAFETY	USAF
MORAL RESPONSIBILITY OF SAFETY	USA
MOUNTAIN AND DESERT SURVIVAL - DESERT SURVIVAL	USAF
*NEW START, A	USSRS
NEW SUPERVISOR TAKES A LOOK AT HIS JOB, A	USOE
NEW WORK FOR GREENVILLE	USSRS
NIGHTMARE FOR THE BOLD	USAF
PARAPLEGIC PATIENT EDUCATION - ACTIVITIES IN YOUR NEW LIFE	USNMAC
PARAPLEGIC PATIENT EDUCATION - AN ACTIVE FUTURE	USNMAC
*PERSON TO PERSON IN INFANCY	USDHEW
PHANTOM PAIN	USNMAC
*PLACE TO MEET, A - A WAY TO UNDERSTAND	USSRS
PLACING THE RIGHT MAN ON THE JOB	USOE
PLACING THE RIGHT MAN ON THE JOB (SPANISH)	USOE
*POTENTIAL UNLIMITED	USDA
*POVERTY IN RURAL AMERICA	USDA
*PSYCHOLOGICAL HAZARDS IN INFANCY	USDHEW
*SAFETY CONSCIOUSNESS	USBM
SARAH WILSON	USNMAC
*SELL SAFETY	USBM
*SET THE PACE	USBM
SHOWDOWN	USNMAC
*SMOKEY AND HIS FRIENDS	USDA
STOREFRONT	USOEO
SUPERVISING WORKERS ON THE JOB	USOE
SUPERVISING WORKERS ON THE JOB (SPANISH)	USOE
SUPERVISOR AS A LEADER, THE, PT 1	USOE
SUPERVISOR AS A LEADER, THE, PT 2	USOE
TAKE THAT FIRST STEP	USNMAC
THOSE WHO STAY BEHIND	USSRS
THRESHOLD	USDHEW
TIME AND TIDE	USAF
*TO SEEK, TO TEACH, TO HEAL	USNIH
*TOWARD FULL INTEGRATION	USN
UNDER PRESSURE	USNMAC
*VOICE OF THE FOREST	USDA
*VOLUNTEER FIREMAN, THE	USDA
WAR AND ADVICE	USAF
*WONDERS OF WILDERNESS	USDA
WORKING FOR BETTER PUBLIC HEALTH THROUGH RECOGNITION OF FEELINGS	USNMAC
WORKING THROUGH COLLEGE	USA
WORKING WITH OTHER SUPERVISORS	USOE
WORKING WITH OTHER SUPERVISORS (SPANISH)	USOE
YOUTH COMMUNICATIONS	USDOD

MARRIAGE AND THE FAMILY

*BETTER LIVING THROUGH RESEARCH	USDA
FAMILY OF MAN, THE	USIA
FAMILY, THE	USIA
FOR A BRIGHT HOME LIFE	USIA

MILITARY DEPENDENTS

AIR FORCE FAMILY HOUSING	USAF
*AIR FORCE NOW, THE, NO. 19	USAF

MINORITY GROUP

*BROTHER	USFAA
*CODE BLUE	USBHME
*KNOCK AT THE DOOR	USFHWA
*LOST AND FOUND	USDL
PUBLIC HEALTH ASPECTS OF MIGRANT WORKERS, THE	USNMAC
*TOWARD FULL INTEGRATION	USN

PENOLOGY

*UNITED STATES DISCIPLINARY BARRACKS, THE - YOUR MISSION, YOUR FUTURE	USA

POPULATION

*FACT FINDER	USBC
*FACT FINDER	USBC
*GET IT ALL TOGETHER	USSRS
NUTRITION SURVEY - REPUBLIC OF COLOMBIA	USNMAC
NUTRITION SURVEY - REPUBLIC OF LEBANON	USNMAC
*REALM OF THE WILD	USDA
TARGET - URBAN MOBILITY	USFHWA
TO OPEN A DOOR	USNMAC
*WE	USBC
*WE	USBC
*WHO SHALL REAP	USDA
*WHO SHALL REAP (SPANISH)	USDA

SOCIAL PROBLEMS

ACTIVITY FOR SCHIZOPHRENIA	USVA
AIDE TO A BETTER WAY OF LIFE, AN	USPHS
AIDE TO A BETTER WAY OF LIFE, AN (SPANISH)	USPHS
*AIR FORCE NOW, THE, NO. 15	USAF
*AIR FORCE NOW, THE, NO. 19	USAF
*ALCOHOL	USNIMH
*ALCOHOL	USSRS
ALLEN CASE, THE	USSRS
ALLEN CASE, THE	USSRS
*AMERICA ON THE ROCKS	USNIAA
*AMERICA ON THE ROCKS	USNIAA
*ANSWER IS UNDERSTANDING, THE	USNIMH
BEFORE THE DAY	USSSA
*BLUE	USNIMH
*BRIAN AT SEVENTEEN	USNIMH
*CHANGING	USNIMH
*COMMUNICATION GAP	USNIMH
*DEVICES FOR SELF-HELP TASK PERFORMANCE, PT 3	USBEH
*DRUG TALK - SOME CURRENT PROGRAMS	USNIMH
*DRUGS AND BEYOND	USNIMH
ECCO	USSRS
FIVE DAYS OF BETSY, THE	USOCD
GAP, THE	USSRS
*GET IT ALL TOGETHER	USSRS
GETTING THROUGH	USNMAC
*GUY	USNIMH
HEAD OF THE HOUSE	USIA
IF I WERE YOU	USAF
IMAGE CHANGERS, THE	USOJD
IMPROVING THE JOB	USOE
*INHERITORS, THE	USIA
*JORDON PAUL - ONE TEACHER'S APPROACH	USNIMH
LET US LIVE (REV ED)	USIA
LONG HAUL, THE	USSSA
MAKING ENDS MEET	USSRS
MATTER OF PERSPECTIVE, A	USNMAC
MEDICAL SCHOOL AND THE COMMUNITY, THE - HOW ARE THEY RELATED	USNMAC
*NEVER TRUST ANYONE UNDER 60	USSRS
*NEW START, A	USSRS
NUTRITION SURVEY - REPUBLIC OF COLOMBIA	USNMAC
NUTRITION SURVEY - REPUBLIC OF LEBANON	USNMAC
OPERATION HEAD START	USHS
OWL WHO GAVE A HOOT, THE	USOEO
OWL WHO GAVE A HOOT, THE (SPANISH)	USOEO
*POVERTY IN RURAL AMERICA	USDA
QUIET SUMMER, THE	USOJD
SAM'L AND SOCIAL SECURITY	USSSA
SHOWDOWN	USNMAC
*SLOW DEATH	USNIMH
SOCIAL CHANGE IN A DEMOCRACY	USA
STOREFRONT	USOEO
*TEDDY	USNIMH
*THERE MUST BE A CATCH	USDL
THOSE WHO STAY BEHIND	USSRS
TO OPEN A DOOR	USNMAC
WHILE I RUN THIS RACE	USOEO
YEAR TOWARD TOMORROW, A	USOEO

SOCIAL WORK

*AIR FORCE NOW, THE, NO. 11		USAF
ALLEN CASE THE		USSRS
ALLEN CASE, THE		USSRS
*BAD TRIP, THE	RT	USNIMH
CONCEALED HOMICIDE, THE		USNMAC
*COUNSELING - A CRITICAL INCIDENT		USNIMH
FACE OF DISASTER, THE		USOCD
*LAST CHANCE, THE		USSRS
LATER YEARS OF THE WOODLEYS, THE		USSRS
LOOK FURTHER THAN TOMORROW		USOJD
NARCOTIC DEATHS, PT 1		USNMAC
NARCOTIC DEATHS, PT 2		USNMAC
*PROFESSIONAL DRUG FILMS - A SERIES		USNIMH
*PROFESSIONAL DRUG TAPES - A SERIES	RT	USNIMH

URBANIZATION

AIR POLLUTION IN THE NEW YORK-NEW JERSEY INTERSTATE AREA	USNMAC
AIRPORTS IN PERSPECTIVE	USFAA
AMERICAN ISLAND, THE	USBOR
*CAN WE HAVE A LITTLE QUIET PLEASE?	USFAA
CAPITAL STORY	USOWIO
*CARDBOARD COW	USDA
*CITIES IN QUEST OF TOMORROW	USHUD
CITY, THE - TIME OF DECISION	USIA
DAY IN THE DEATH OF DONNY B, A	USNIMH
DEMAND TO BE HEARD, A	USSRS
DON'T LEAVE IT ALL TO THE EXPERTS	USNMAC
*ERTS - EARTH RESOURCES TECHNOLOGY SATELLITE	USNASA
HEALTHIER PLACE TO LIVE, A	USNMAC
HEALTHIER PLACE TO LIVE, A (BLACK CAST)	USNMAC
HEALTHIER PLACE TO LIVE, A (SPANISH-AMERICAN CAST - SPANISH)	USNMAC
*ISLANDS OF GREEN	USDA
IT'S YOUR MOVE	USSBA
ONE DIMENSION, TWO DIMENSION, THREE DIMENSION...FOUR	USHUD
OPEN SPACE	USHUD
*OPERATION BREAKTHROUGH	USDHUD
OPERATION HEAD START	USHS

* INDICATES NEW ENTRY

URBANIZATION – (Continued)

PANDORA'S EASY OPEN POP-TOP BOX		USNMAC
PUBLIC HEALTH PROBLEMS IN MASS EVACUATION		USNMAC
REHAB		USHUD
*SANITARY LANDFILL - ONE PART EARTH TO FOUR PARTS REFUSE		USEPA
*SMOKE IN THE HOLLOW		USDA
*SOMETHING OF OUR OWN		USHUD
STEEL TOWN		USOWIO
TARGET - URBAN MOBILITY		USFHWA
*TEAMWORK ON THE NEVADA RANGE		USDA
*WONDERS OF WILDERNESS		USDA

SPACE PROGRAMS

APPLICATION

AIR FORCE MISSILE MISSION, THE		USAF
BY-PRODUCTS OF SPACE RESEARCH - SELECTED EXAMPLES		USNASA
*ERTS - EARTH RESOURCES TECHNOLOGY SATELLITE		USNASA
*GEOLOGY FROM SPACE	FS	USNASA
*MEANWHILE BACK ON EARTH		USNASA
*METEOROLOGY FROM SPACE	FS	USNASA
SKYWARD THE GREAT SHIPS		USNASA

CHEMISTRY

POETRY OF POLYMERS, THE		USNASA

COMMUNICATION

APOLLO COMMUNICATIONS		USNASA
*ECHO IN SPACE - COMMUNICATION MILESTONE		USNASA
FOUR DAYS OF GEMINI 4, THE		USNASA
GUAYMAS STORY, THE		USNASA
MILITARY SATELLITE COMMUNICATIONS		USAF
MOMENT IN HISTORY, A		USNASA
PROJECT ECHO		USNASA
RADIO ASTRONOMY EXPLORER		USNASA
SPACE COMMUNICATIONS		USAF
SPACE DOWN TO EARTH		USNASA
VITAL LINK, THE		USNASA
*VOICE FOR MERCURY, A		USNASA
*WORLD BEYOND ZERO, THE		USNASA

FACILITIES

AERIAL TOUR OF WHITE SANDS MISSILE RANGE		USA
ATOM AND THE MAN ON THE MOON, THE		USAEC
BIG CHALLENGE, THE		USNASA
CANAVERAL TO KENNEDY		USNASA
CAPE KENNEDY 1964		USAF
CAPE KENNEDY 1965		USAF
CD EMERGENCY PREPAREDNESS AT THE MARSHALL SPACE FLIGHT CENTER		USOCD
DOORWAY TO TOMORROW - CHALLENGE OF SPACE		USNASA
FIRST REACTOR IN SPACE - SNAP-10A		USAEC
FIRST SHORT STEP, THE		USNASA
FOOD FOR SPACE TRAVELERS		USNASA
FOUR DAYS OF GEMINI 4, THE		USNASA
FRIENDSHIP 7		USNASA
GUAYMAS STORY, THE		USNASA
HARD ONES, THE		USNASA
INTERNATIONAL CO-OPERATION IN SPACE		USNASA
LAUNCH CONTROL CENTER -		USNASA
LAUNCH SITE TO THE MOON		USNASA
LIVING IN SPACE, PT 1, THE CASE OF REGENERATION		USNASA
LIVING IN SPACE, PT 2, REGENERATIVE PROCESSES		USNASA
LIVING IN SPACE, PT 3, A TECHNOLOGY FOR SPACECRAFT DESIGN		USNASA
*LUNAR RECEIVING LAB		USNASA
MILESTONES IN MISSILERY		USA
MINUS THREE MILES		USNASA
MISSION CONTROL		USNASA
NEW LOOK AT AN OLD PLANET, A		USNASA
NUCLEAR REACTOR SPACE POWER SYSTEMS		USAEC
OAK RIDGE NATIONAL LABORATORY AND ITS SCIENTIFIC ACTIVITIES		USAEC
OAK RIDGE RESEARCH REACTOR		USAEC
ORBITING SOLAR OBSERVATORY		USNASA
RESEARCH INTO CONTROLLED FUSION		USAEC
ROOM AT THE TOP		USNASA
SERVICE MODULE, THE		USNASA
SOLAR ECLIPSE EXPEDITION, 1966		USAEC
SPACE MEDICINE		USNASA
SPACE SUIT		USNASA
*SPACEPORT U S A		USNASA
SPRINGBOARD TO SPACE - THE ARNOLD CENTER STORY		USAF
SUITED FOR SPACE		USNASA
TICKET THROUGH THE SOUND BARRIER		USNASA
*VOICE FOR MERCURY, A		USNASA
*WORLD BEYOND ZERO, THE		USNASA

HISTORY

AMERICA IN SPACE - THE FIRST DECADE		USNASA
*AMERICA IN SPACE - THE FIRST FIVE YEARS		USNASA
APOLLO 04 MISSION, THE		USNASA
*APOLLO 07 MISSION HIGHLIGHTS	RT	USNASA
*APOLLO 08 MISSION HIGHLIGHTS	RT	USNASA
APOLLO 09 - THE SPACE DUET OF SPIDER AND GUMDROP		USNASA
*APOLLO 09 MISSION HIGHLIGHTS	RT	USNASA
APOLLO 10 - GREEN LIGHT FOR A LUNAR LANDING		USNASA
*APOLLO 10 MISSION HIGHLIGHTS	RT	USNASA
*APOLLO 11 MISSION HIGHLIGHTS	RT	USNASA
*APOLLO 12 MISSION HIGHLIGHTS	RT	USNASA
APOLLO 13 - HOUSTON, WE'VE GOT A PROBLEM		USNASA
*APOLLO 13 MISSION HIGHLIGHTS	RT	USNASA
*APOLLO 14 MISSION HIGHLIGHTS	RT	USNASA
*APOLLO 15 - IN THE MOUNTAINS OF THE MOON		USNASA
*APOLLO 15 MISSION HIGHLIGHTS	RT	USNASA
*APOLLO 16 - NOTHING SO HIDDEN		USNASA
*APOLLO 17 - ON THE SHOULDERS OF GIANTS		USNASA
*APOLLO 17 MISSION HIGHLIGHTS	RT	USNASA
BEFORE SATURN		USNASA
CANAVERAL TO KENNEDY		USNASA
CLOUDS OF VENUS, THE		USNASA
DEBRIEF - APOLLO 08		USNASA
DREAM THAT WOULDN'T DOWN, THE		USNASA
EAGLE HAS LANDED - THE FLIGHT OF APOLLO 11		USNASA
*ECHO IN SPACE - COMMUNICATION MILESTONE		USNASA
FIRST SOFT STEP, THE		USNASA
FLIGHT OF APOLLO 07, THE		USNASA
FLIGHT OF EAGLE AND COLUMBIA		USNASA
*FLIGHT OF FAITH 07, THE		USNASA
*FLIGHT OF GEMINI 04		USIA
FLIGHT OF GEMINI 08		USIA

SPACE PROGRAMS

HISTORY — *(Continued)*

FOUR DAYS OF GEMINI 4, THE		USNASA
FREEDOM 7		USNASA
FRIENDSHIP 7		USNASA
JOHN GLENN STORY, THE		USNASA
•MAN IN SPACE - THE SECOND DECADE		USNASA
•MAN'S REACH SHOULD EXCEED HIS GRASP, A		USNASA
MASTERY OF SPACE, THE		USNASA
•MEETING IN SPACE		USIA
MILESTONES IN MISSILERY		USA
MISSION FOR MARINER, A		USNASA
•MOON OLD AND NEW, THE		USNASA
PROJECT ECHO		USNASA
•PROJECT GEMINI HIGHLIGHTS	RT	USNASA
•PROJECT MERCURY HIGHLIGHTS	RT	USNASA
•REACH FOR THE MOON AND TOUCH A STAR	FS	USNASA
RESEARCH IN THE ATMOSPHERE		USNASA
SUITED FOR SPACE		USNASA
WITHIN THIS DECADE - AMERICA IN SPACE		USNASA

LAUNCH VEHICLE

•AEROELASTIC PHENOMENA AND RELATED RESEARCH		USNASA
AEROSPACE POWER		USAF
ASSEMBLING APOLLO		USNASA
BALLISTIC MISSILE TRAJECTORIES		USAF
FIRST SHORT STEP, THE		USNASA
GUIDANCE AND NAVIGATION		USNASA
LAUNCH CONTROL CENTER		USNASA
LAUNCH OF THE SATURN 5		USNASA
LAUNCH SITE TO THE MOON		USNASA
LUNAR MODULE, THE		USNASA
NUCLEAR PROPULSION IN SPACE		USNASA
NUCLEAR REACTOR FOR SPACE		USAEC
NUCLEAR REACTOR SPACE POWER SYSTEMS		USAEC
POWERING APOLLO		USNASA
•PROJECT GEMINI HIGHLIGHTS	RT	USNASA
•SKYLAB		USNASA
SNAP-3 OPERATIONAL TESTS		USAEC
•SPACE-AGE SOUND EFFECTS	RT	USNASA

LUNAR PROBE

•APOLLO - MANNED FLIGHT TO THE MOON		USNASA
APOLLO 09 - THE SPACE DUET OF SPIDER AND GUMDROP		USNASA
APOLLO 10 - GREEN LIGHT FOR A LUNAR LANDING		USNASA
APOLLO 12 - PINPOINT FOR SCIENCE		USNASA
APOLLO 13 - HOUSTON, WE'VE GOT A PROBLEM		USNASA
•APOLLO 15 - IN THE MOUNTAINS OF THE MOON		USNASA
•APOLLO 16 - NOTHING SO HIDDEN		USNASA
•APOLLO 17 - ON THE SHOULDERS OF GIANTS		USNASA
•APOLLO 17 MISSION HIGHLIGHTS	RT	USNASA
ASSIGNMENT - SHOOT THE MOON		USNASA
•CLOSE-UP OF THE MOON - A LOOK AT LUNAR ORBITER		USNASA
EAGLE HAS LANDED - THE FLIGHT OF APOLLO 11		USNASA
•EXAMINING THE MOON		USNASA
FLIGHT OF APOLLO 07, THE		USNASA
FLIGHT OF EAGLE AND COLUMBIA		USNASA
LANDING ON THE MOON		USNASA
LUNAR MODULE, THE		USNASA
•MAN IN SPACE - THE SECOND DECADE		USNASA
•MOON OLD AND NEW, THE		USNASA
RANGER 09 - TELEVISION PICTURES OF THE MOON		USNASA
TESTING APOLLO		USNASA
VIEW OF THE SKY, A		USNASA

MEDICINE AND BIOLOGY

AEROSPACE MEDICAL DIVISION, THE - AIR FORCE SYSTEMS COMMAND, THE UNIVERSE WITHIN		USAF
BIOSATELLITE PROGRAM, THE - BETWEEN THE ATOM AND THE STAR		USNASA
LIVING IN SPACE		USNASA
LIVING IN SPACE, PT 1, THE CASE OF REGENERATION		USNASA
LIVING IN SPACE, PT 2, REGENERATIVE PROCESSES		USNASA
RETURNS FROM SPACE		USNASA
SPACE MEDICINE		USNASA
SPACE SUIT		USNASA

NAVIGATION

DESTINATION - WHERE?		USAF
GUIDANCE AND NAVIGATION		USNASA
INSTRUMENT UNIT, THE		USNASA
NEW LOOK AT AN OLD PLANET, A		USNASA
OUR NEAREST STAR		USAEC
RETURNING FROM THE MOON		USNASA
SPACE DOWN TO EARTH		USNASA
SPACE NAVIGATION		USNASA
SPACE NAVIGATION		USAF

PROPULSION

ELECTRIC POWER GENERATION IN SPACE		USNASA
ELECTRIC PROPULSION		USNASA
LAUNCH OF THE SATURN 5		USNASA
MINUS THREE MILES		USNASA
NUCLEAR PROPULSION IN SPACE		USNASA
POWERING APOLLO		USNASA
PROJECT ROVER		USAEC
RESEARCH IN THE ATMOSPHERE		USNASA
SATURN FIRST STAGE		USNASA
SATURN SECOND STAGE		USNASA
SATURN THIRD STAGE		USNASA
SERVICE MODULE, THE		USNASA
SKYWARD THE GREAT SHIPS		USNASA
TOWARD THE UNEXPLORED		USAF

SAFETY

•DON'T BUILD THAT ROCKET ALONE	FS	USNASA
•IT CAN'T HAPPEN TO ME - THE ANATOMY OF AN ACCIDENT		USNASA
MISSILE EXPLOSIVE DEVICE SAFETY		USAF

SATELLITE

AMERICA IN SPACE - THE FIRST DECADE		USNASA
ARIEL - THE FIRST INTERNATIONAL SATELLITE		USNASA
•ARIEL 2		USNASA
CAPE KENNEDY 1964		USAF
CAPE KENNEDY 1965		USAF
•ERTS - EARTH RESOURCES TECHNOLOGY SATELLITE		USNASA
GREAT IS THE HOUSE OF THE SUN		USNASA
INTERNATIONAL CO-OPERATION IN SPACE		USNASA
LIVING IN SPACE, PT 3, A TECHNOLOGY FOR SPACECRAFT DESIGN		USNASA
LOG OF MARINER IV		USNASA
•MARINER/MARS, 1969		USNASA
MARTIAN INVESTIGATORS, THE		USNASA

• INDICATES NEW ENTRY

●METEOROLOGY FROM SPACE	FS	USNASA
MILITARY SATELLITE COMMUNICATIONS		USAF
NEW LOOK AT AN OLD PLANET, A		USNASA
NUCLEAR POWER FOR SPACE - SNAP-9A		USAEC
NUCLEAR REACTOR FOR SPACE		USAEC
ORBITING SOLAR OBSERVATORY		USNASA
OUR NEAREST STAR		USAEC
POWER FOR THE MOONSHIP		USNASA
RETURNING FROM THE MOON		USNASA
ROOM AT THE TOP		USNASA
SATELLITE ASTRONOMY - PROGRESS AND PROMISE		USNASA
SPACE DOWN TO EARTH		USNASA
SPACE ORBITS		USAF
●SPACE-AGE SOUND EFFECTS	RT	USNASA
●TIROS EXPERIMENTAL WEATHER SATELLITE		USNASA

SPACE EXPLORATION

AMERICA IN SPACE - THE FIRST DECADE		USNASA
●APOLLO - MANNED FLIGHT TO THE MOON		USNASA
●APOLLO 07 MISSION HIGHLIGHTS	RT	USNASA
●APOLLO 08 MISSION HIGHLIGHTS	RT	USNASA
APOLLO 09 - THE SPACE DUET OF SPIDER AND GUMDROP		USNASA
●APOLLO 09 MISSION HIGHLIGHTS	RT	USNASA
APOLLO 10 - GREEN LIGHT FOR A LUNAR LANDING		USNASA
●APOLLO 10 MISSION HIGHLIGHTS	RT	USNASA
●APOLLO 11 MISSION HIGHLIGHTS	RT	USNASA
APOLLO 12 - PINPOINT FOR SCIENCE		USNASA
●APOLLO 12 MISSION HIGHLIGHTS	RT	USNASA
●APOLLO 13 MISSION HIGHLIGHTS	RT	USNASA
●APOLLO 14 MISSION HIGHLIGHTS	RT	USNASA
●APOLLO 15 MISSION HIGHLIGHTS	RT	USNASA
BEFORE SATURN		USNASA
CHALLENGE OF UNANSWERED QUESTIONS, THE		USNASA
●CLOSE-UP OF THE MOON - A LOOK AT LUNAR ORBITER		USNASA
CLOUDS OF VENUS, THE		USNASA
COMMAND MODULE, THE		USNASA
DEBRIEF - APOLLO 08		USNASA
EAGLE HAS LANDED - THE FLIGHT OF APOLLO 11		USNASA
FIRST SOFT STEP, THE		USNASA
●IN SIGHT OF THE GIANT STEPS	FS	USNASA
LEGACY OF GEMINI		USNASA
LUNAR MODULE, THE		USNASA
MARTIAN INVESTIGATORS, THE		USNASA
MASTERY OF SPACE, THE		USNASA
MEN ENCOUNTER MARS		USNASA
MISSION FOR MARINER, A		USNASA
●NEW VIEW OF SPACE, A		USNASA
POWER FOR THE MOONSHIP		USNASA
●PROJECT GEMINI HIGHLIGHTS	RT	USNASA
●PROJECT MERCURY HIGHLIGHTS	RT	USNASA
RADIO ASTRONOMY EXPLORER		USNASA
●REDUCED-GRAVITY SIMULATOR FOR STUDY OF MAN'S SELF LOCOMOTION		USNASA
RESEARCH IN THE ATMOSPHERE		USNASA
SEAS OF INFINITY		USNASA
SEEDS OF DISCOVERY		USNASA
●SKYLAB		USNASA
●SPACE IN THE 70'S - EXPLORATION OF THE PLANETS		USNASA
TESTING APOLLO		USNASA
TRIAL BALANCE		USNASA

TRAINING

APOLLO MISSION HIGHLIGHTS	USNASA
APOLLO MISSION HIGHLIGHTS	USNASA
ASTRONAUT TRAINING	USNASA
●FLIGHT OF FAITH 07, THE	USNASA
FREEDOM 7	USNASA
REHEARSAL FOR THE MOON	USNASA
TESTING APOLLO	USNASA

SURGERY

ANATOMY

ABDOMINAL AORTIC ANEURYSM REPLACEMENT WITH NYLON GRAFT	USVA
CLOSURE OF ANTRAL-ORAL FISTULA	USA
COMBINED RESECTION OF TONGUE AND FLOOR OF MOUTH WITH RADICAL NECK DISSECTION	USVA
COMPARISON OF GROSS SURFACE APPEARANCE OF INTESTINAL BIOPSIES AND THEIR SERIAL SECTIONS	USNMAC
CRICOTHYROIDOTOMY	USN
DISSECTION OF THE BLOCK OF ORGANS - DISSECTION OF ADRENALS, AORTA, AND ...	USNMAC
DISSECTION OF THE HEART	USNMAC
DISSECTION OF THE MALE PELVIC ORGANS AND KIDNEYS	USNMAC
DISSECTION OF THE PARATHYROID AND THYROID GLANDS	USNMAC
DISSECTION OF THE THORACIC DUCT	USNMAC
FIBERSCOPE ENDOSCOPY OF THE UPPER DIGESTIVE TRACT	USNMAC
FILM SYMPOSIUM OF STRESS URINARY INCONTINENCE, A	USNMAC
●INCISION AND IRRIGATION OF TRAUMATIC CATARACT	USA
INTESTINAL BIOPSY CAPSULE, THE	USA
MEDICAL AND SURGICAL TREATMENT OF VALVULAR HEART DISEASE, THE	USNMAC
NEUROSURGERY - FACIAL NEURALGIA	USN
PENETRATING WOUNDS OF THE ABDOMEN	USN
PREPARATION OF PRIMARY MAMMALIAN KIDNEY CELL CULTURE	USNMAC
PRINCIPLES OF FRACTURE REDUCTION	USVA
PROSTHETIC ABOVE-KNEE SOCKETS, PT 3	USNMAC
PROSTHETIC BELOW-KNEE SOCKETS, PT 4	USNMAC
PROSTHETIC FOOT COMPONENTS, PT 1	USNMAC
PROSTHETIC KNEE COMPONENTS, PT 2	USNMAC
RENAL VASCULAR HYPERTENSION--AN APPROACH TO DIAGNOSIS AND TREATMENT	USNMAC
RIGID MEDULLARY FIXATION OF FOREARM FRACTURES	USA
SCIATIC PAIN AND THE INTERVERTEBRAL DISK	USN
SKELETAL FIXATION BY THE STADER SPLINT, FRACTURES OF THE TIBIA	USN
SURGICAL APPROACHES TO THE ANKLE JOINT	USVA
SURGICAL APPROACHES TO THE BONES OF THE FOOT	USVA

● INDICATES NEW ENTRY

SURGERY

ANATOMY – *(Continued)*

SURGICAL APPROACHES TO THE BONES OF THE WRIST	USVA
SURGICAL APPROACHES TO THE ELBOW JOINT	USVA
SURGICAL APPROACHES TO THE HIP JOINT	USVA
SURGICAL APPROACHES TO THE KNEE JOINT	USVA
SURGICAL APPROACHES TO THE SCAPULOHUMERAL JOINT	USVA
SURGICAL APPROACHES TO THE SPINE AND SACROILIAC	USVA
SURGICAL APPROACHES TO THE STERNOCLAVICULAR AND ACROMIOCLAVICULAR JOINTS	USVA
•VERMILONECTOMY	USA

EQUIPMENT

•FORCEPS DELIVERIES - A SERIES	USA
•FORCEPS DELIVERIES, PT 1, PREREQUISITES FOR FORCEPS DELIVERIES	USA
•FORCEPS DELIVERIES, PT 3, TRACTION	USA
•FORCEPS DELIVERIES, PT 4, TRANSVERSE ARREST	USA
•FORCEPS DELIVERIES, PT 5, KEILLAND FORCEPS	USA
•FORCEPS DELIVERIES, PT 6, FORCEPS MANAGEMENT OF FACE PRESENTATIONS	USA
•FORCEPS DELIVERIES, PT 7, BARTON FORCEPS	USA
•FORCEPS DELIVERIES, PT 8, PIPER FORCEPS FOR AFTER-COMING HEAD	USA
SIMPLE METHOD FOR TRACHEAL SUCTION AND BRONCHOSCOPY	USA
SKELETAL FIXATION BY THE STADER SPLINT, FRACTURES OF THE TIBIA	USN
SUCTION BIOPSY OF THE GASTROINTESTINAL MUCOSA	USNMAC

ORTHOPEDICS

DIAGNOSIS AND MANAGEMENT OF RHEUMATOID ARTHRITIS	USNMAC
THERAPEUTIC EXERCISE--ORTHOPEDICS	USA

POSTOPERATIVE CARE

IMMEDIATE POST-SURGICAL PROSTHETICS	USVA
POSTOPERATIVE CARE	USN
PREOPERATIVE EVALUATION OF LUNG FUNCTION	USNMAC
STEPS TO RECOVERY - REHABILITATION OF THE PATIENT WITH PULMONARY TUBERCULOSIS	USA
SYMPTOMATIC POSTGASTRECTOMY PATIENT, THE	USNMAC

PREOPERATIVE CARE

PREOPERATIVE CARE	USN
PREOPERATIVE EVALUATION OF LUNG FUNCTION	USNMAC
STEPS TO RECOVERY - REHABILITATION OF THE PATIENT WITH PULMONARY TUBERCULOSIS	USA

TRANSPLANT

REJECTION OF RENAL TRANSPLANT	USNMAC

WOUNDS AND INJURIES

BATTERED CHILD, THE, PT 1	USNMAC
BATTERED CHILD, THE, PT 2	USNMAC
CRICOTHYROIDOTOMY	USN
DEBRIDEMENT, PT 1, MULTIPLE SOFT TISSUE WOUNDS	USA
DEBRIDEMENT, PT 2, WOUNDS OF THE EXTREMITIES	USA
EARLY MANAGEMENT OF COMPLEX PROBLEMS IN TRAUMA	USNMAC
IMMEDIATE CUSTOM IMPLANT FOR THE MANDIBLE	USVA
IMMEDIATE POST-SURGICAL PROSTHETICS	USVA
LUMBAR PUNCTURE	USN
OPEN FRACTURES	USVA
PENETRATING WOUNDS OF THE ABDOMEN	USN
REMOVAL OF BITING TICKS, THE	USNMAC
SUCKING WOUNDS OF THE CHEST	USN

• INDICATES NEW ENTRY

VII. Title Section

A + SCHOOL, THE
8 min, 16mm film, optical sd, col 1966
Producer USOCD *Agency No.* DODCD05-242
Title No. 111450 *Sale* $29.25
Features the South Salem Elementary School in Salem, Va. The school is unusual for its circular design as well as the added feature of fallout protection. In animated form it explains how and why it was done.

AASHO ROAD TEST - CONSTRUCTION AND MATERIALS
27 min, 16mm film, optical sd, col 1962
Producer USFHWA
Title No. 111503 *Sale* $107.75
Illustrates the methods and follows the construction of the $27 million AASHO road test. Records the control features that were built into each tangent of rigid and flexible pavement and explains the objectives of the research program.

AASHO ROAD TEST - PAVEMENT RESEARCH
51 min, 16mm film, optical sd, col 1962
Producer USFHWA
Title No. 111504 *Sale* $128.75
Covers the objectives, methods, and principal results of the AASHO road test, showing how the pavement loops were tested under specific loads at known speeds, how the roads stood up to the tests, and the methods used to measure serviceability.

AASHO ROAD TEST - THE ROAD TO BETTER ROADS
14 min, 16mm film, optical sd, col 1963
Producer USFHWA
Title No. 111506 *Sale* $50.50
Explains, in lay terms, the kind of research done in highway construction, showing the variety of programs involved. Features the construction and operation of the AASHO road test, and the accumulation and processing of data.

ABANDON SHIP
32 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN01145
Title No. 111505 *Sale* $65.00
Explains how to abandon a ship, escape through oil and gas, use emergency flotation tactics, rescue others, and defend self against predatory marine life.

ABC OF G, THE
19 min, 16mm film, optical sd, col 1946
Producer USN *Agency No.* MN03446
Title No. 111550 *Sale* $93.75
Explains the effect produced by accelerative force (measured in gas) upon the blood in the body--shows testing equipment used to determine how soon a subject greys out, blacks out, or reds out--and stresses keeping the body in good condition.

ABC WARFARE DEFENSE ASHORE - BIOLOGICAL WARFARE DECONTAMINATION - INTERIORS
6 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN07984F
Title No. 112226 *Sale* $14.00
Illustrates the special procedure for decontaminating interiors in biological warfare, including marking suspected buildings, preparation of interiors, and use of decontaminant fog of formaldehyde solution diluted with methanol.

ABC WARFARE DEFENSE ASHORE - BIOLOGICAL WARFARE DECONTAMINATION - PERSONAL EQUIPMENT
8 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN07984H
Title No. 112228 *Sale* $17.25
Describes the decontamination of clothing and personal gear on a large scale with ethylene oxide and carboxide, small scale use of chlorine bleaching solution and decontamination of gas masks and cannisters.

ABC WARFARE DEFENSE ASHORE - BIOLOGICAL WARFARE DECONTAMINATION - PERSONNEL
10 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN07984E
Title No. 006444 *O/PRINT*
Shows the use of masks and the decontamination facilities of permanent and portable shelters and of outdoor temporary cleaning stations. Details the timetable shower required.
THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY.

ABC WARFARE DEFENSE ASHORE - BIOLOGICAL AND CHEMICAL DECONTAMINATION - EXTERIORS
14 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN07984G
Title No. 112225 *Sale* $31.50
Reviews the procedures for treating both gas-contaminated and germ-contaminated outdoor areas, including marked areas, filling decontamination truck and mixing chemicals, treatment of surfaces, hand spraying with DANC, emergency use of bleach, and checking decontamination results.

ABC WARFARE DEFENSE ASHORE - CHEMICAL WARFARE DECONTAMINATION - PERSONNEL
13 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN07984I
Title No. 112227 *Sale* $28.75
Illustrates permanent, portable, and outdoor personal decontamination facilities and the timetable shower required.

ABC WARFARE DEFENSE ASHORE - DETECTION OF CONTAMINATED AREAS IN BIOLOGICAL AND ...
14 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN07984C
Title No. 112230 *Sale* $30.50
FULL TITLE - ABC WARFARE DEFENSE ASHORE - DETECTION OF CONTAMINATED AREAS IN BIOLOGICAL AND CHEMICAL WARFARE. Shows procedure for detection of areas contaminated by chemical warfare agents, particularly blister gases, and the use of a biological warfare field sampling kit for detection of germs.

ABC WARFARE DEFENSE ASHORE - PROTECTIVE CLOTHING FOR DECONTAMINATION PERSONNEL
12 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN07984D
Title No. 006445 *Sale* $26.75

Illustrates in detail the procedure for dressing in the special protective clothing required for personnel assigned to detection, decontamination, and cleanup work in the event of atomic, biological, and chemical warfare attacks.

THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY.

ABC WARFARE DEFENSE ASHORE - RESCUE OPERATIONS, LIFTING DEVICES, SHORING
17 min, 16mm film, optical sd, b&w 1966
Producer USN *Agency No.* MN07984K
Title No. 112233 *Sale* $37.50

Demonstrates the construction and application of various kinds of shores and shows proper rescue operations.

ABC WARFARE DEFENSE ASHORE - RESCUE OPERATIONS, RIGGING, BREACHING WALLS, TUNNELING
18 min, 16mm film, optical sd, b&w 1955
Producer USN *Agency No.* MN07984L
Title No. 112234 *Sale* $39.50

Shows the construction and use of various types of rigging, and demonstrates how to breach walls and construct a tunnel in typical rescue operations.

ABC'S OF BRIEFING, THE
17 min, 16mm film, optical sd, col 1958
Producer USAF *Agency No.* TF01-5254
Title No. 112240 *Sale* $74.00

Demonstrates methods of preparing and presenting effective briefings. Emphasizes the importance of accuracy, brevity and clarity as the ABC's of good briefing.

ABDOMINAL AORTIC ANEURYSM REPLACEMENT WITH NYLON GRAFT
12 min, 16mm film, optical sd, col 1957
Producer USVA
Title No. 112231 *Sale* $50.50

Demonstrates a technique for the resection of an aortic abdominal aneurysm with replacement by a chemically treated, bifurcated prosthesis. Emphasis is placed on the suturing technique, which is illustrated by diagrams.

ABERDEEN PROVING GROUND
17 min, 16mm film, optical sd, b&w 1951
Producer USA *Agency No.* FB09-0238
Title No. 112243 *Sale* $36.50

Shows how efficient weapons are developed for U S Military needs. Describes functions and operations of the ballistics research lab, development and proof services, the Ordnance Board, and Aberdeen Ordnance Depot.

ABOVE THE EARTH AND TO THE MOON
25 min, 16mm film, optical sd, b&w 1965
Producer USIA *Agency No.* 01-02660
Title No. 000901 *Sale:* W/DRAWN

Covers the highlights of Grissom and Young's orbital flight and Ranger IX Moon shot.

* **ABUSE OF STIMULANTS, DEPRESSANTS AND ANESTHETICS**
28 min, audiotape cassette, 2-track, monaural 1972
Producer USNIMH
Title No. 001970

Available only as part of a series. Provides a useful guideline to the recognition and identification of problems relating to drug abuse. Describes how the use of stimulants, depressants and anesthetics evolved over the years.
From the *PROFESSIONAL DRUG TAPES* series.

AC GENERATORS
27 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-201
Title No. 112704 *Sale* $56.50

Explains operation of AC generators, compares output with a rotating radius vector, and explains function of each part. Explains Lenz's law and requirements for induction. (Kinescope)

ACCEL - AUTOMATED CIRCUIT CARD ETCHING LAYOUT
20 min, 16mm film, optical sd, col 1965
Producer USAEC
Title No. 000245 *Sale:* W/DRAWN

ACCEL is a computer program which designs printed circuit boards and produces the drawings for their construction with the imput encoded from an engineer's schematic diagram by a clerk without knowledge of electronics. Replaced by ACCEL Revised.

ACNE VULGARIS - ITS PATHOGENESIS
15 min, 16mm film, optical sd, col 1967
Producer USNMAC *Agency No.* M-1519
Title No. 113850 *Sale* $54.25

A detailed presentation of the many causes that act in concert to bring on acne. It attempts to explain the pathogenesis of an individual acne lesion.

* **ACOUSTICS OF THE CLASSROOM**
19 min, 16mm film, optical sd, col
Producer USBEH
Title No. 000318 *Sale* $80.00

This film instructs in the technical acoustical design of the classroom. the purpose is to create a room whereby the teacher's voice is significantly above the threshold of the students and the secondary noise level is sufficiently low so as to allow for effective communication.

ACRODERMATITIS CHRONICA ATROPHICANS (HERXHEIMER)
18 min, 16mm film, optical sd, col
Producer IDCE
Title No. 000902 *Sale:* W/DRAWN

ACROMEGALY (DIAGNOSIS-ETIOLOGY-THERAPY)
23 min, 16mm film, optical sd, col 1965
Producer USAEC
Title No. 001558 *Sale* $119.25

Describes the successful application of heavy particle radiation, obtained from high energy cyclotrons for treatment of the comparatively rare disease, acromegaly. Work at Donner Laboratory in Berkeley with the 184-inch synchrocyclotron for treatment of acromegalic patients is described. Detailed procedures for preparing the patient and irradiating the pituitary gland are shown. Symptoms, diagnosis, etiology, and medical history and medical treatments also are discussed.

ACROSS-THE-LINE STARTERS
15 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 389
Title No. 114050 *Sale* $30.50

Shows theory and operation of manually operated thermal overload switch, a magnetically operated across-the-line starter, a drum reversing switch for a three-phase motor, and a magnetic reversing switch.
From the *ELECTRICAL WORK* series. Motor Control, No. 2

ACTIVITY FOR SCHIZOPHRENIA
25 min, 16mm film, optical sd, b&w 1950
Producer USVA
Title No. 114495 *Sale* $52.50

Explains how modern (1950) concepts of activity are applied to distinctive needs of schizophrenic patients. Shows particularly how corrective therapists under the guidance of psychiatrists motivate patients from lower levels of activity to more socialized areas by establishing strong interpersonal relationships through the sensory appeal of intensified physical activities.

ACUTE OR CHRONIC RESPIRATORY FAILURE
90 min, 16mm film, optical sd, b&w 1968
Producer USNMAC *Agency No.* T-1877-X
Title No. 114550 *Sale* $187.00

Demonstrates the use of xenon to show distribution of ventilation and pulmonary blood flow. Discusses the inter-relationship of cardiac-respiratory failure and shows respiratory function tests and methods of evaluation best suited for care of patients with acute respiratory failure. (Kinescope)

ADC FIGHTER DISPERSAL PROGRAM, THE

12 min, 16mm film, optical sd, col 1962
Producer USAF *Agency No.* FR 295
Title No. 001971 *Sale* $42.00

Presents overview of ADC's two-fold alert and dispersal program designed to protect fighter aircraft from ICBM attack while enabling them to mount defensive air attack against airborne enemy invasion.

***ADDED SENSE, AN - THE DETECTION OF NUCLEAR RADIATION**

25 min, 16mm film, optical sd, col 1973
Producer USAEC
Title No. 003512 *Sale* $101.75

Presents significant concepts associated with radiation detector technology, such as - the various forms of nuclear radiation, gas ionization chambers and their design, proportional and scintillation counters, and several unique methods including thermoluminescence.

ADDING OR REMOVING REFRIGERANT

17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 441
Title No. 115050 *Sale* $36.50

Demonstrates how to check a domestic refrigeration system for lack of refrigerant, how to add refrigerant by weight and in unmeasured amounts and how to remove refrigerant from the refrigeration system.

From the *REFRIGERATION SERVICE* series. Domestic Units, No. 4

ADJUSTING AND CHECKING THE EXPANSION VALVE

21 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 444
Title No. 115850 *Sale* $43.25

Describes the design and operation of the bellows type and the diaphragm type automatic expansion valves. Explains how to adjust, check and service the bellows type valve.

From the *REFRIGERATION SERVICE* series. Domestic Units, No. 7

ADJUSTING AND REPAIRING THE THERMO EXPANSION VALVE

12 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 448
Title No. 115900 *Sale* $26.75

Explains the theory of multiple refrigeration systems. Tells how to test and adjust the thermo expansion valve, how to recognize symptoms of trouble in the valve and how to service the valve.

From the *REFRIGERATION SERVICE* series. Commercial Systems, No.

ADJUSTING COMMERICAL THERMOSTATIC CONTROLS

12 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 450
Title No. 116050 *Sale* $26.00

Demonstrates how to adjust the thermostatic motor control, the thermo two-temperature valve and the thermo water valve.

From the *REFRIGERATION SERVICE* series. Commercial Systems, No. 3

ADJUSTING PRESSURE ACTUATED TEMPERATURE CONTROL DEVICES

15 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 449
Title No. 116100 *Sale* $32.50

Describes the purpose of pressure actuated temperature control devices. Explains how to adjust the pressure actuated motor control and how to adjust the metering type and snap-action two-temperature valves.

From the *REFRIGERATION SERVICE* series. Commercial Systems, No. 2

ADJUSTMENTS AFTER CHECK FLIGHT

19 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 261
Title No. 116125 *Sale* $39.50

Explains the causes of nose-heaviness, tail-heaviness, yawing, torque tendency, rough propeller and ground looping. Shows how to determine the particular causes of these troubles and make necessary adjustments.

From the *AIRCRAFT WORK* series. Aircraft Maintenance

ADMIRAL BURKE TAKES COMMAND

12 min, 16mm film, optical sd, b&w 1955
Producer USN *Agency No.* MN08344
Title No. 116295 *Sale* $26.75

Presents portions of the change of command speeches at Annapolis, in August 1955, by the Secretary of the Navy, Admiral Carney, and Admiral Burke, as Admiral Burke is sworn in as new Chief of Naval Operations.

ADMIRALTY ISLANDS, THE

16 min, 16mm film, optical sd, b&w 1949
Producer USA *Agency No.* CHRA-008
Title No. 116410 *Sale* $34.25

Provides a historical report of the capture of the Admiralty Island north of New Guinea by the American 1st Cavalry Division during World War II.

ADULT AS ENABLER, THE

17 min, 16mm film, optical sd, b&w
Producer USOE
Title No. 116750 *Sale* W/DRAWN

Demonstrates some good and poor techniques of adult intervention in child centered activity.

From the *TEAMS FOR LEARNING* series.

ADULT EDUCATION

22 min, 16mm film, optical sd, b&w 1951
Producer USIA
Title No. 116753 *Rental:* W/DRAWN Sale: W/DRAWN

Shows how evening adult education classes offer personal satisfaction and opportunity for professional or economic advancement.

ADVANCE BASE WATERFRONT CONSTRUCTION - TIMBER PIERS

18 min, 16mm film, optical sd, b&w 1953
Producer USN *Agency No.* MN07488A
Title No. 116765 *Sale* $39.50

Demonstrates the construction of a timber pier including the planning, methods, tools, and equipment which are required.

ADVANCED HELICOPTER FLIGHT PRINCIPLES, PT 1

10 min, 16mm film, optical sd, b&w 1956
Producer USA *Agency No.* TF46-2210
Title No. 116900 *Sale* $21.00

Shows movements of rotor blades at various speeds, in fully articulated and semirigid types of rotor heads, and stabilizing and dampening devices.

ADVANCED HELICOPTER FLIGHT PRINCIPLES, PT 2

11 min, 16mm film, optical sd, b&w 1956
Producer USA *Agency No.* TF46-2211
Title No. 116901 *Sale* $22.50

Shows movements of air in relation to helicopter rotor systems--effects on flight, airflow patterns from takeoff through flight and landing.

ADVANCED TEST REACTOR

9 min, 16mm film, optical sd, col 1961
Producer USAEC
Title No. 000903 *Sale* $37.25

Uses animation to show how the Atomic Energy Commission's 250-megawatt advanced test reactor design utilizes multiple flux traps to achieve neutron density in nine independent test loop positions. Describes the clover leaf, enriched fuel annulus, and the moving control components of the test reactor.

ADVENTURES IN INNER SPACE
28 min, 16mm film, optical sd, col 1965
Producer USN *Agency No.* MN09680
Title No. 117775 *Sale* $117.25
Shows the life and training of a nuclear submariner from recruitment through assignment.

*** ADVENTURES OF JUNIOR RAINDROP**
8 min, 16mm film, optical sd, b&w 1948
Producer USDA *Agency No.* 1023
Title No. 116250 *Sale* $39.00
Shows the need for everyone to be informed on good watershed management. raindrops, like children, become delinquent and lawless. The animation is supplemented with live action scenes showing contrasting results of poor and good watershed management.

ADVERTISING QUESTION, THE
14 min, 16mm film, optical sd, col 1967
Producer USSBA
Title No. 118520 *Sale* $50.00
Designed to correct some of the misconceptions and change some of the attitudes which many small businessmen display toward advertising. The values and techniques of advertising are discussed and some business examples are shown to emphasize pertinent points.

AEDES AEGYPTI TV SPOTS
3 min, 16mm film, optical sd, col
Producer USNMAC
Title No. 118545 *Sale* $22.75
Encourages the public to eliminate standing water which might serve as a breeding ground for mosquitoes. Four fourty second spots.

AEF IN SIBERIA
29 min, 16mm film, optical sd, b&w 1963
Producer USA *Agency No.* TV 612
Title No. 118546 *Sale* $60.25
Shows mission and activities of expeditionary force which journeyed into Russia following World War I.
From the *BIG PICTURE* series.
CLEARED FOR TV.

AERIAL NAVIGATION - MAP READING
21 min, 16mm film, optical sd, b&w 1945
Producer USAF *Agency No.* TF01-3460
Title No. 118594 *Sale* $53.50
Demonstrates the procedure to be followed by a navigator in charting the course of his aircraft.

AERIAL TOUR OF WHITE SANDS MISSILE RANGE
9 min, 16mm film, optical sd, col 1964
Producer USA *Agency No.* MF45-9525
Title No. 000246 *Sale* $37.25
Highlights the natural and man-made resources of the range.

AERODYNAMICS - FORCES ACTING ON AN AIR FOIL
27 min, 16mm film, optical sd, b&w 1941
Producer USAF *Agency No.* TF01-0161
Title No. 000904 *Sale* $54.50
Describes theory and principles of the forces acting on air foils-lift, drag, angle of attack, and wing chord. Shows development and use of wind tunnels to measure forces on a wing form and relationship between lifts, drag, wing area, wind velocity, thrust, and weight.
CLEARED FOR TV.

AERODYNAMICS - FUNDAMENTALS OF ROLL-DIVERGENCE
12 min, 16mm film, optical sd, b&w 1960
Producer USN *Agency No.* MN09411
Title No. 118601 *Sale* $26.75
Describes the interaction of inertial, gyroscopic, and aerodynamic forces on high-performance jet aircraft during roll maneuvers. Demonstrates through the use of animated drawings and a gimbal-mounted model of f8u aircraft, the undersirable results of excessive roll rate and duration.
CLEARED FOR TV.

*** AEROELASTIC PHENOMENA AND RELATED RESEARCH**
14 min, 16mm film, optical sd, col 1973
Producer USNASA *Agency No.* L-1128
Title No. 003112 *Sale* $56.50
Shows aeroelastic phenomena that result from the interaction between aerodynamic loads and the deforming surfaces in aerospace vehicles. Demonstrates some techniques employed in aeroelastic experiments.
FOR PROFESSIONAL GROUPS ONLY.

AEROLOGY (THUNDERSTORMS), PT 1, - FORMATION AND STRUCTURE OF THUNDERSTORMS
17 min, 16mm film, optical sd, b&w 1953
Producer USN *Agency No.* MN07409A
Title No. 118615 *Sale* $35.75
Explains the relationship of moist air, heat, and conditionally unstable air. Shows conditions for frontal types of storms and their frequency and the structure of thunderstorms.

AEROSPACE MEDICAL DIVISION, THE - AIR FORCE SYSTEMS COMMAND, THE UNIVERSE WITHIN
14 min, 16mm film, optical sd, col 1965
Producer USAF *Agency No.* SFP 1313
Title No. 000297 *Sale* $58.25
Reviews progress and nature of aerospace medical research in Air Force Systems Command laboratories and relates this study to clinical medicine, education and training.
CLEARED FOR TV.

AEROSPACE POWER
4 min, 16mm film, optical sd, col 1962
Producer USAF *Agency No.* FR 0265
Title No. 000298 *Sale* $19.50
Provides a series of action shots of USAF aircraft and missiles, set against background music.
CLEARED FOR TV.

AEROSPACE TECHNOLOGY
13 min, 16mm film, optical sd, col 1965
Producer USAF *Agency No.* SFP 1492
Title No. 118629 *Sale* $54.25
Pictures development of space age devices. Shows cap pistol motor, counter-reaction wrench, meter-resistant hypervelocity materials, and electrostatic gyro.
CLEARED FOR DOMESTIC EXHIBITION ONLY.

AFLC ZERO DEFECTS STORY
16 min, 16mm film, optical sd, col 1966
Producer USAF *Agency No.* TF 5903
Title No. 118645 *Sale* $68.00
Familiarizes Air Force Logistics Command (AFLC) employees with the zero defects program. Cites examples of AFLC error-free work and evaluates benefits of program to national defense. Describes supervisor's role, use of cause and removal of error (CARE) form, and awards for top quality performance.
CLEARED FOR TV.

*** AFRICAN HORSE SICKNESS**
29 min, 16mm film, optical sd, col 1962
Producer USDA *Agency No.* 1767
Title No. 001031 *Sale* $130.00
African Horse Sickness, so deadly and so highly infectious, killed an estimated 300,000 equines in two summers in the Middle East and Asia. Shows how the countries to India. Provides man with his greatest disease spread from Africa through the mideastern weapon against disease--knowledge. Records the progress of the disease from infection to death and the development, manufacture and administration of preventive vaccines.

AFRICAN TRYPANOSOMIASIS
16 min, 16mm film, optical sd, col 1951
Producer USN *Agency No.* MN06839
Title No. 119725 *Sale* $66.00
Explains the etiology, epidemiology, symptomatology, diagnosis, treatment, prognosis, prevention, and control of African trypanosomiasis (sleeping sickness).

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*** AFTER AUTUMN**
10 min, 16mm film, optical sd, col 1971
Producer USSRS
Title No. 001977 *Sale* $37.50
Depicts a day in the life of an 82-year old farmer, living alone, coping with problems of isolation and abandonment.

*** AFTER THE ACCIDENT**
29 min, 16mm film, optical sd, col 1969
Producer USSRS
Title No. 119806 *Rental* $12.50 Sale $175.00
Julius Kellogg, former Harlem Globetrotter, describes the accident which caused his disability, and tells of his rehabilitation. He demonstrates the difficulties caused by such architectural barriers as stairs, and talks about how people in wheelchairs can become independent.
From the *TO LIVE AGAIN* series.

*** AGE OF REVOLUTIONS, AN**
31 min, 16mm film, optical sd, col 1971
Producer USDS
Title No. 003521 *Sale* $98.00
Traces U S foreign relations from the diplomacy of the American Revolution through the early Federal Period. Includes Benjamin Franklin's role in winning our independence, the entanglements precipitated by the French Revolution, the Louisiana Purchase, the War of 1812 and the Monroe Doctrine.
From the *HISTORY OF U S FOREIGN RELATIONS* series.

*** AGRICULTURAL ENGINEERING - THE PROFESSION WITH A FUTURE**
14 min, 16mm film, optical sd, col 1960
Producer USDA *Agency No.* 1412
Title No. 121200 *Sale* $66.00
Describes the work of engineers seeking practical solutions to the problems of food and fiber production and processing. Tells of preparation for such work.

*** AGRICULTURE STORY, THE**
14 min, 16mm film, optical sd, col 1956
Producer USDA *Agency No.* 1301
Title No. 121400 *Sale* $64.00
Summarizes various aspects of the work of the U S Department of Agriculture, such as advisory service on soil control through contour farming or crop rotation.

*** AGRICULTURE, U S A**
29 min, 16mm film, optical sd, col 1962
Producer USDA *Agency No.* 1500
Title No. 121450 *Sale* $142.00
Presents a commemorative tribute to the 100th year of the U S Department of Agriculture.

*** AGRICULTURE'S SHOWCASE ABROAD**
14 min, 16mm film, optical sd, col 1961
Producer USDA *Agency No.* 1384
Title No. 121490 *Sale* $65.00
Shows potential users of U S farm products as they see, feel and taste the products which are displayed by the United States at international trade fairs.

AIDE TO A BETTER WAY OF LIFE, AN
18 min, 16mm film, optical sd, col
Producer USPHS
Title No. 121542 *Sale* $75.75
Depicts the work of the indigenous health educator aide, community health aide or other non-professional aide serving the inner city. Demonstrates techniques of person to person communications and follow-up and referral services as employed to achieve change.

AIDE TO A BETTER WAY OF LIFE, AN (SPANISH)
18 min, 16mm film, optical sd, col
Producer USPHS
Title No. 121543 *Sale* $75.75
Depicts the work of the indigenous health educator aide, community health aide or other non-professional aide serving the inner city. Demonstrates techniques of person to person communications and follow-up and referral services as employed to achieve change.

*** AIDES MAKE THE DIFFERENCE**
15 min, 16mm film, optical sd, b&w 1971
Producer USDHEW
Title No. 001978 *Sale* $39.50
Shows aides learning on the job, dealing with the hard problems teachers have to face. Makes a visual statement of the fact that aides, teachers and volunteers must learn to cooperate as well as medical teams do. Shows the great difference a trained aide makes in the program-coping with individual problems, acting as the link between home and classroom, and enriching the program with her special abilities.

*** AIDS TO NAVIGATION FOR BOATMEN**
27 min, 16mm film, optical sd, col 1970
Producer USCG
Title No. 000905 *Sale* $107.75
Locates and describes the different systems of aids to navigation. Artwork provides graphic information as to size, shape, color and uses of buoys, markers and signs. Live photography, from the recreational boatman's point of view, shows them in actual day and night use.
CLEARED FOR TV.

*** AIM, ACTION, ACHIEVEMENT**
15 min, 16mm film, optical sd, col 1968
Producer USDA *Agency No.* 6858
Title No. 00[illegible]921 *Sale* $75.00
Forty years ago, a vast Earth Slide occurred on the Teton National Forest in Wyoming. The 'Gros Ventre' Slide, rich in geological interest, has been set aside by the Forest Service for study and enjoyment. In a cooperative venture with the Forest Service, YWCA teenagers came from all over the U S to construct a foottrail across the Slide.

AIR AND GAS CLEANING FOR NUCLEAR ENERGY
30 min, 16mm film, optical sd, col 1964
Producer USAEC
Title No. 000299 *Sale* $101.00
Discusses the need for, and development of high efficiency filters for the nuclear energy industry. Describes the manufacture of such filters and their inspection and testing. Surveys current research and development in the area of high efficiency mechanical Air Cleaning, including activities at Harvard Air Cleaning Laboratory, Oak Ridge National Laboratory, and Edgewood Arsenal.

*** AIR BRAKES - PRINCIPLES OF OPERATION**
25 min, 16mm film, optical sd, b&w 1968
Producer USA *Agency No.* TF-9-3845
Title No. 003092 *Sale* $52.50
Illustrates design and functions of components of air brakes system used in large military vehicles-operation of system when brake pedal is depressed and released.

AIR FORCE CAMERAS IN ACTION
14 min, 16mm film, optical sd, b&w 1959
Producer USAF *Agency No.* SFP 0630
Title No. 000300 *Sale* $30.50
Presents outstanding Air Force events of 1958, including nuclear tests, projects Manhigh and Farside, space studies, the Lebanon crisis, an Air Force goodwill tour, and successful launchings of a hybrid ThorAble missile and the Atlas ICBM.
CLEARED FOR TV.

AIR FORCE FAMILY HOUSING
14 min, 16mm film, optical sd, col 1960
Producer USAF *Agency No.* SFP 0692
Title No. 000301 *Sale* $58.25
Shows what the Air Force is doing to provide comfortable, economical, and convenient housing for U S Air Force families in the United States.

*** AIR FORCE LEAVE AND PASS POLICIES**
11 min, 16mm film, optical sd, b&w 1957
Producer USAF *Agency No.* TF1-5205
Title No. 002916 *Rental* $5.00
Defines types of leaves and passes and explains pertinent regulations.

AIR FORCE LOGISTICS COMMAND LOG 1966
22 min, 16mm film, optical sd, col 1967
Producer USAF *Agency No* SFP 1577
Title No 122150 *Sale* $89.75
Features achievements in ballistic missile engineering test facilities, computerized jet engine testing and combustion chamber salvaging. Shows prime beef program, transportation, maintenance and supply. Highlights logistical support to Air Force activities in Southeast Asia.
CLEARED FOR TV.

AIR FORCE MISSILE MISSION, THE
24 min, 16mm film, optical sd, col 1960
Producer USAF *Agency No* SFP 608
Title No 122149 *Sale* $99.75
Explains the current Air Force missile concept and points out why we have so many weapons, what they are for, and how their development serves a dual purpose as a present-day deterrent force and a foundation for future space travel. Narrated by James Stewart.
CLEARED FOR TV.

AIR FORCE NON-DESTRUCTIVE TESTING
29 min, 16mm film, optical sd, col 1958
Producer USAF *Agency No* TF01-5226
Title No 122261 *Sale* $94.50
Stresses importance of quality control inspections and explains various defects and their causes. Inspection methods demonstrated include magnetic particle, fluorescent penetrant, X-ray and ultra-sonic.
CLEARED FOR TV.

AIR FORCE NOW, THE
14 min, 16mm film, optical sd, col 1969
Producer USAF *Agency No* AFN 002
Title No 122262 *Rental* $10.00 Sale $56.50
Secretary of the Air Force Robert C Seamans, JR and others discuss opportunities for service to both the nation and the local community by members of the Air Force.
CLEARED FOR TV.

* **AIR FORCE NOW, THE, NO. 05**
17 min, 16mm film, optical sd, col 1970
Producer USAF *Agency No* AFN-5
Title No 002907 *Rental* $10.00
Shows the U S A F Drill Team and physiological training. Tells a story of a bombardier of 'the Bridge on the River Kwai' returning to visit the site. Presents the dangers of smoking.

* **AIR FORCE NOW, THE, NO. 06**
11 min, 16mm film, optical sd, col 1970
Producer USAF *Agency No* AFN-6
Title No 002908 *Rental* $7.50
Controllers living up to their motto of 'we can do anything.' Highlights the on and off job look at duty life of W A F on assignment in southeast Asia - the disaster training - the profile of a Jolly Green Giant helicopter, and good security practices.

* **AIR FORCE NOW, THE, NO. 07**
16 min, 16mm film, optical sd, col 1970
Producer USAF *Agency No* AFN-7
Title No 002909 *Rental* $10.00
Tells brief stories of the only glass blower in Air Force - a retired general talking of his 27 years career - a young Air Force couple - the largest collection of Air Force patches and emblems - the progress of Vietnamese Air Force, and Air Force Medal of Honor recipients.

* **AIR FORCE NOW, THE, NO. 11**
13 min, 16mm film, optical sd, col 1970
Producer USAF *Agency No* AFN-11
Title No 002911 *Rental* $10.00
Tells brief stories of the effective communication between Air Force generations - the upcoming football season, and the airmen working with the underprivileged children.

* **AIR FORCE NOW, THE, NO. 13**
23 min, 16mm film, optical sd, col 1970
Producer USAF *Agency No* AFN-13
Title No 002912 *Rental* $12.50
Shows the Air Force activities in cold weather-snow removal from runways, tramping through snow to air service area command missile site - interviewing skiers at ski meet - difficulties in traveling to work in northern Italy, and the function of the climatology hangar at Eglin Air Force Base.

* **AIR FORCE NOW, THE, NO. 15**
14 min, 16mm film, optical sd, col 1971
Producer USAF *Agency No* AFN-15
Title No 002913 *Rental* $10.00
Shows one of eight Air Force solar observatory sites at Athens Greece. Tells brief stories of the delivery of bullets, beans and mail to an isolated base, a former P O W discussing his thoughts during captivity, and the continued growth as evidence of Air Force involvement in environmental improvement.

* **AIR FORCE NOW, THE, NO. 17**
18 min, 16mm film, optical sd, col 1971
Producer USAF *Agency No* AFN-17
Title No 002914 *Rental* $10.00
Tells brief stories of the airmen discussing threats to our nations - a montage of aviation history - Air Force leaders discussing weapons for national survival - the aspirations of Air Force military personnel, and the opportunities in the Air Force today.

* **AIR FORCE NOW, THE, NO. 19**
17 min, 16mm film, optical sd, b&w 1971
Producer USAF *Agency No* AFN-9
Title No 002915 *Rental* $7.50
Tells brief stories of the Air Force efforts to improve family housing - isolated airmen benefit from a preventive medicine program, survival training for southeast Asia duty - junior officer acting as substitute fathers for children - various Air Force benefits, and comments on P O W's and M I A's.

* **AIR FORCE NOW, THE, SCRAPBOOK, NO. 9**
16 min, 16mm film, optical sd, col 1970
Producer USAF *Agency No* AFN-9
Title No 002910 *Rental* $10.00
Tells brief stories of the first military flight W A F volunteers serving Vietnam patients candlelight dinner, life of recruiting officer - father taking his son on a tour through the Air Force museum, and problems of air traffic flying through the Berlin corridor.

AIR FORCE NURSE, THE - A REPORT OF THE PROFESSION
20 min, 16mm film, optical sd, col 1965
Producer USAF *Agency No* SFP 1241
Title No 001575 *Sale* $68.25
Pictures the life and work of an Air Force nurse. Outlines her qualifications, duties, responsibilities, and contributions to her profession. Directs attention to the career advantages in the Air Force nurse corps--opportunity for travel, diversified professional training, specialization, career advancement, and interesting social life.
CLEARED FOR TV.

AIR FORCE OCCUPATIONAL MEDICAL PROGRAM
22 min, 16mm film, optical sd, col 1965
Producer USAF *Agency No* SFP 1358
Title No 006415 *Sale* $74.75
Defines duties of medical personnel and engineers in protecting the health of industrial workers. Discusses pre-employment and periodic examinations, emergency treatment, and minimizing or eliminating work hazards. Pictures environmental health laboratories which conduct studies on air pollution, ionizing radiation, sonic boom, etc.
CLEARED FOR TV.

AIR FORCE ON CANVAS, THE
18 min, 16mm film, optical sd, col 1963
Producer USAF *Agency No* SFP 1188
Title No 006416 *Sale* $61.75
Presents paintings which bring to life all phases of USAF

* INDICATES NEW ENTRY

world wide operations. Reflects achievements and progressive missions of the developing air power. Glimpses artist's concept of reach into space.
CLEARED FOR TV.

AIR FORCE RESERVE - READY NOW
22 min, 16mm film, optical sd, col 1969
Producer USAF *Agency No.* SFP 1663
Title No. 122264 *Sale* $89.75
Dramatizes diverse mission of the Air Force reserve (AFRES) which encompasses some 400,000 Air Force reservists. Covers activities of Air Force reserve flying, medical air terminal, navigation, specialty training and logistics units.
CLEARED FOR TV.

AIR FORCE ROTC COMES OF AGE
28 min, 16mm film, optical sd, col 1967
Producer USAF *Agency No.* SFP 1684
Title No. 122266 *Sale* $113.50
Marks the 21st anniversary of Air Force ROTC. Traces AF-ROTC history, traditions and growth. Emphasizes its role in the training of future Air Force officers. Explains provisions of the scholarship program. Shows flight training, aerospace studies, and field trips to Air Force installations. Also reviews history of military training in schools and colleges during the past two centuries.
CLEARED FOR TV.

AIR FORCE STORY, THE - A NEW AIR FORCE, 1945-1947
14 min, 16mm film, optical sd, b&w 1959
Producer USAF *Agency No.* SFP 0263-25
Title No. 122923 *Sale* $34.25
Highlights the years 1945-47 in the history of the U S Air Force.
CLEARED FOR TV.

AIR FORCE STORY, THE - AFTER THE WAR, 1918-19
14 min, 16mm film, optical sd, b&w 1953
Producer USAF *Agency No.* SFP 263-02
Title No. 122901 *Sale* $25.00
Highlights the history of the U S Air Force during the years 1918-1923.
CLEARED FOR TV.

AIR FORCE STORY, THE - AIR POWER ADVANCES, 1935-1937
14 min, 16mm film, optical sd, b&w 1953
Producer USAF *Agency No.* SFP 0263-05
Title No. 122904 *Sale* $35.75
Highlights the history of the U S Air Force during the years 1935-1937.
CLEARED FOR TV.

AIR FORCE STORY, THE - AIR WAR AGAINST JAPAN, 1944-1945
14 min, 16mm film, optical sd, b&w 1953
Producer USAF *Agency No.* SFP 0263-24
Title No. 122922 *Sale* $33.25
Highlights the history of the U S Air Force, particularly the bombing of Japan, ending with the surrender of the Japanese.
CLEARED FOR TV.

AIR FORCE STORY, THE - BETWEEN WARS, 1930-1935
13 min, 16mm film, optical sd, b&w 1953
Producer USAF *Agency No.* SFP 0263-04
Title No. 122903 *Sale* $34.25
Highlights the history of the U S Air Force during the years 1930-1935.
CLEARED FOR TV.

AIR FORCE STORY, THE - COLD WAR, 1948-1950
15 min, 16mm film, optical sd, b&w 1959
Producer USAF *Agency No.* SFP 0263-26
Title No. 122924 *Sale* $35.75
Highlights the years 1948-1950 in the history of the U S Air Force.
CLEARED FOR TV.

AIR FORCE STORY, THE - D-DAY, JUNE 1944
13 min, 16mm film, optical sd, b&w 1953
Producer USAF *Agency No.* SFP 0263-19
Title No. 122917 *Sale* $32.50
Highlights the history of the U S Air Force, particularly its operations in the invasion of German-held Europe.
CLEARED FOR TV.

AIR FORCE STORY, THE - ENTERING THE ERA OF MISSILES (VOL 2, CHAP 6)
15 min, 16mm film, optical sd, b&w 1962
Producer USAF *Agency No.* SFP 0263
Title No. 122930 *Sale* $35.75
Traces the beginning of modern missiles, showing 'the Bug', our first guided missile, and discusses DR Goddard's pioneering work with liquid fuel, air-to-air missiles of World War II, and development of V-1 and V-2. Describes USAF postwar research and progress with portrayal of Mighty Mouse, Falcon, Genie, Matador and Mace, Snark and Bomarc, and test missiles, X-10 and X-17. Depicts capabilities of USAF arsenal with improved bombers B-47 and B-52, and with intermediate and long range missiles Thor and Atlas.
CLEARED FOR TV.

AIR FORCE STORY, THE - EXPANDING AIR POWER, JUNE 1943
14 min, 16mm film, optical sd, b&w 1953
Producer USAF *Agency No.* SFP 0263-13
Title No. 122911 *Sale* $33.25
Highlights the history of the U S Air Force during June 1943, including its expanded training program and the bombing of the Island of Pantelleria.
CLEARED FOR TV.

AIR FORCE STORY, THE - GLOBAL OPERATIONS, 194
14 min, 16mm film, optical sd, b&w 1953
Producer USAF *Agency No.* SFP 0263-12
Title No. 122910 *Sale* $34.25
Highlights the history of the U S Air Force during 1943, including its operations against german submarines, the air lift over the Himalayas, and the solomon islands campaign.
CLEARED FOR TV.

AIR FORCE STORY, THE - HUMAN FACTORS IN SPACE FLIGHT, 1950-1960 (VOL 2, CHAP 8)
14 min, 16mm film, optical sd, b&w 1963
Producer USAF *Agency No.* SFP 0263
Title No. 122932 *Sale* $32.50
Documents 10 years of research to determine man's physical and physiological ability in space flight. Includes tests of g-forces, space suits, balloon flights and oxygen re-use equipment.
CLEARED FOR TV.

AIR FORCE STORY, THE - MAXIMUM EFFORT, OCTOBER 1943
14 min, 16mm film, optical sd, b&w 1953
Producer USAF *Agency No.* SFP 0263-16
Title No. 122914 *Sale* $34.25
Highlights the history of the U S Air Force, particularly the bombing of German war plants by the 8th Air Force.
CLEARED FOR TV.

AIR FORCE STORY, THE - MEETING THE RED CHALLENGE (VOL 2, CHAP 2)
14 min, 16mm film, optical sd, b&w 1959
Producer USAF *Agency No.* SFP 0263
Title No. 122926 *Sale* $32.50
Highlights events leading up to the Korean war, the Communist invasion of South Korea, and the role of U s air power in stemming Communist aggression in South Korea.
CLEARED FOR TV.

AIR FORCE STORY, THE - NORTH AFRICA, NOVEMBER 1942-MAY 1943
14 min, 16mm film, optical sd, b&w 1953
Producer USAF *Agency No.* SFP 0263-11
Title No. 122909 *Sale* $34.25
Highlights the history of the U S Air Force during period from November 1942 to may 1943, particularly its operations in north Africa.

CLEARED FOR TV

AIR FORCE STORY, THE - ON TO THE YALU, JUNE 1950 (VOL 2, CHAP 3)
15 min, 16mm film, optical sd, b&w 1959
Producer USAF *Agency No.* SFP 0263
Title No. 122927 *Sale* $34.25
Highlights the Korean war during the summer of 1950 and explains the role of the Air Force in pushing the Communist troops back to the YALU river.
CLEARED FOR TV.

AIR FORCE STORY, THE - OUR WORLD-WIDE AIR FORCE, 1953-1959 (VOL 2, CHAP 5)
14 min, 16mm film, optical sd, b&w 1961
Producer USAF *Agency No.* SFP 0263
Title No. 122929 *Sale* $32.50
Shows how the continual buildup of Soviet military forces after World War II made necessary an all-out effort by U S Air Force to meet this challenge. Scenes covering Air Force activities from 1953-1959 show the development of the B-47 and B-52 aircraft, the creation of the north Atlantic Treaty Organization, the development of strategic and tactical missiles, and the growth of SAC's global strike force.
CLEARED FOR TV.

AIR FORCE STORY, THE - PLOESTI, MARCH-AUGUST 1944
14 min, 16mm film, optical sd, b&w 1953
Producer USAF *Agency No.* SFP 0263-20
Title No. 122918 *Sale* $33.25
Highlights the history of the U S Air Force, particularly the bombing of the Ploesti oil refineries by the 15th Air Force.
CLEARED FOR TV.

AIR FORCE STORY, THE - PRELUDE TO INVASION, JANUARY-JUNE 1944
14 min, 16mm film, optical sd, b&w 1953
Producer USAF *Agency No.* SFP 0263-18
Title No. 122916 *Sale* $34.25
Highlights the history of the U S Air Force, particularly the aerial attacks upon German factories, airdromes, and supply lines.
CLEARED FOR TV.

AIR FORCE STORY, THE - PRELUDE TO WAR, 1937-1939
14 min, 16mm film, optical sd, b&w 1953
Producer USAF *Agency No.* SFP 0263-06
Title No. 122905 *Sale* $34.25
Highlights the history of the U S Air Force during the years 1937-1939.
CLEARED FOR TV.

AIR FORCE STORY, THE - RETREAT AND ADVANCE, JUNE 1944-MARCH 1945
13 min, 16mm film, optical sd, b&w 1953
Producer USAF *Agency No.* SFP 0263-23
Title No. 122921 *Sale* $34.25
Highlights the history of the U S Air Force, particularly the operations of the 5th, 7th, 13th, and 14th Air Force in the recapture of the Philippines.
CLEARED FOR TV.

AIR FORCE STORY, THE - ROAD TO ROME, SEPTEMBER 1943-JUNE 1944
14 min, 16mm film, optical sd, b&w 1953
Producer USAF *Agency No.* SFP 0263-17
Title No. 122915 *Sale* $32.50
Highlights the history of the U S Air Force, particularly the operations of the 12th Air Force in Italy.
CLEARED FOR TV.

AIR FORCE STORY, THE - SCHWEINFURT AND REGENSBURG, AUGUST 1943
14 min, 16mm film, optical sd, b&w 1953
Producer USAF *Agency No.* SFP 0263-14
Title No. 122912 *Sale* $33.25
Highlights the history of the U S Air Force, particularly the bombing of Regensburg and Schweinfurt in August 1943.
CLEARED FOR TV.

AIR FORCE STORY, THE - STRUGGLE FOR RECOGNITION
14 min, 16mm film, optical sd, b&w 1953
Producer USAF *Agency No.* SFP 0263-03
Title No. 122902 *Sale* $33.25
Highlights the history of the U S Air Force during the years 1924-1930.
CLEARED FOR TV.

AIR FORCE STORY, THE - SUPERFORT, AUGUST 1943-JUNE 1944
14 min, 16mm film, optical sd, b&w 1953
Producer USAF *Agency No.* SFP 0263-21
Title No. 122919 *Sale* $33.25
Highlights the history of the U S Air Force, particularly the building of B-29 superforts and their bombing of Japan from air bases in China.
CLEARED FOR TV.

AIR FORCE STORY, THE - THE AAF FIGHTS BACK, APRIL-JULY 1942
14 min, 16mm film, optical sd, b&w 1953
Producer USAF *Agency No.* SFP 0263-09
Title No. 122907 *Sale* $34.25
Highlights the history of the U S Air Force during the period from April to July 1942, including the battle of Midway.
CLEARED FOR TV.

AIR FORCE STORY, THE - THE AIR FORCE ACADEMY (VOL 2, CHAP 7)
14 min, 16mm film, optical sd, b&w 1962
Producer USAF *Agency No.* SFP 0263
Title No. 122931 *Sale* $32.50
Follows the Academy's first cadets through their four year training program which covers the sciences, humanities, leadership and airmanship. Also portrays intramural sports and campus social life.
CLEARED FOR TV.

AIR FORCE STORY, THE - THE AIR FORCE AND THE ATOM BOMB (VOL 2, CHAP 1)
14 min, 16mm film, optical sd, b&w 1960
Producer USAF *Agency No.* SFP 0263
Title No. 122925 *Sale* $32.50
Reviews the development of the Atomic Bomb in 1944, its effects in bringing World War II to a close, and the first extensive postwar atomic tests conducted at the Marshall Islands. Emphasizes the impact of the Hydrogen Bomb and shows how this new destructive force has changed the nature of warfare.
CLEARED FOR TV.

AIR FORCE STORY, THE - THE AIR WAR STARTS, 1939-1941
14 min, 16mm film, optical sd, b&w 1953
Producer USAF *Agency No.* SFP 0263-07
Title No. 122263 *Sale* $33.25
Highlights the history of the U S Air Force during the years 1939-1941, concluding with the Japanese attack on Pearl Harbor.
CLEARED FOR TV.

AIR FORCE STORY, THE - THE BEGINNING
15 min, 16mm film, optical sd, b&w 1953
Producer USAF *Agency No.* SFP 0263-01
Title No. 122900 *Sale* $35.75
Highlights the history of the U S Air Force, particularly the role of airplanes in World War I.
CLEARED FOR TV.

AIR FORCE STORY, THE - THE DRAWING OF THE BATTLE LINES, DECEMBER 1941 TO APRIL 1942
14 min, 16mm film, optical sd, b&w 1953
Producer USAF *Agency No.* SFP 0263-08
Title No. 122906 *Sale* $33.25
Highlights the history of the U S Air Force during the period from December 1941 to April 1942, including Colonel Doolittle's bombing mission over Japan.
CLEARED FOR TV.

AIR FORCE STORY, THE - THE FINAL PHASE (VOL 2, CHAP 4)
14 min, 16mm film, optical sd, b&w 1960
Producer USAF *Agency No.* SFP 0263
Title No. 122928 *Sale* $32.50
Shows how the U S Air Force, with superior tactical and logistical air support, played a large part in helping to end the Korean war.
CLEARED FOR TV.

AIR FORCE STORY, THE - THE TIDE TURNS, JUNE DECEMBER 1942
14 min, 16mm film, optical sd, b&w 1953
Producer USAF *Agency No.* SFP 0263-10
Title No. 122908 *Sale* $33.25
Highlights the history of the U S Air Force during the period from June to December 1942.
CLEARED FOR TV.

AIR FORCE STORY, THE - TWO YEARS OF WAR, SEPTEMBER-DECEMBER 1943
14 min, 16mm film, optical sd, b&w 1953
Producer USAF *Agency No.* SFP 0263-15
Title No. 122913 *Sale* $34.25
Highlights the history of the U S Air Force during the period from September to December 1943, particularly its operations in Burma, New Guinea, and Rabaul.
CLEARED FOR TV.

AIR FORCE STORY, THE - VICTORY IN EUROPE, JUNE 1944-MAY 1945
14 min, 16mm film, optical sd, b&w 1953
Producer USAF *Agency No.* SFP 0263-22
Title No. 122920 *Sale* $33.25
Highlights the history of the U S Air Force, particularly the operations of the 8th Air Force in Europe.
CLEARED FOR TV.

AIR FORCE TACTICAL FIREPOWER
13 min, 16mm film, optical sd, b&w 1963
Producer USAF *Agency No.* SFP 1164
Title No. 122265 *Sale* $23.00
Flashbacks of tactical air power since World War I show how fighters and interceptors contributed significantly to allied victories.
CLEARED FOR TV.

AIR FORCE TECHNICAL ORDER SYSTEM, THE
19 min, 16mm film, optical sd, b&w 1957
Producer USAF *Agency No.* TF01-5105
Title No. 122086 *Sale* $33.75
Explains the U S Air Force technical order system-including a library of some 35,000 technical manuals, how they are filed, and how to find the manual needed for a specific job.

AIR FORCE VETERINARY SUPPORT FOR THE MILITARY DOG PROGRAM IN SOUTHEAST ASIA
24 min, 16mm film, optical sd, col 1968
Producer USAF *Agency No.* TF 6105
Title No. 122275 *Sale* $98.00
Reviews sentry dog program in Southeast Asia. Cites veterinarian officer's responsibilities and duties. Illustrates sentry dog clinics, treatment rooms and well constructed kennels. Shows work environment and treatment of diseases and disorders peculiar to dogs in Southeast Asia.
CLEARED FOR TV.

AIR FORCE'S FLYING HOSPITALS, THE
14 min, 16mm film, optical sd, col 1966
Producer USAF *Agency No.* SFP 1350
Title No. 122081 *Rental* $10.00 *Sale* $48.50
Pictures duties of the senior flight nurse and her crew before take-off from an overseas hospital to the United States. Also shows duties of MAC medical airlift personnel on domestic flights from and to hospitals within the states.
CLEARED FOR TV.

AIR GUARD ON THE GO
22 min, 16mm film, optical sd, col 1965
Producer USAF *Agency No.* SFP 1378
Title No. 000302 *Sale* $74.75
Covers emergency signaling procedures, pre-deployment briefings, air refueling operations, and TAC's monitoring of the entire operation. Points out the readiness capability of the guard and its ability to provide its own support equipment.
CLEARED FOR TV.

AIR MASSES AND FRONTS - AIR MASSES
12 min, 16mm film, optical sd, col 1962
Producer USAF *Agency No.* TF01-5388A
Title No. 000303 *Sale* $42.00
Outlines the fundamentals of air masses. Covers general characteristics and causes of stable and unstable air. Other sequences discuss cumulus and stratus cloud layers, turbulence, various directions of air mass movements and effects of heat, cold, altitude and moist air.
CLEARED FOR TV.

AIR MASSES AND FRONTS - FRONTS AND THE SURFACE WEATHER MAP
10 min, 16mm film, optical sd, col 1962
Producer USAF *Agency No.* TF01-5388B
Title No. 000304 *Sale* $34.00
Explains the use of surface weather maps and shows how fronts form from warm and cold air. Shows how weather patterns appear on the map and discusses general wind directions, wind shifts, low pressure trough, frontal surfaces and temperature changes. Also covers prognostic charts.
CLEARED FOR TV.

AIR MASSES AND FRONTS - THE COLD FRONT
9 min, 16mm film, optical sd, col 1962
Producer USAF *Agency No.* TF01-5388C
Title No. 000305 *Sale* $31.00
Explains the various causes of cold fronts, shows how they appear on the map, examines their typical structures and points out where bad weather usually forms. Also covers summer and winter cold fronts and squall lines.
CLEARED FOR TV.

AIR MASSES AND FRONTS - THE OCCLUDED FRONT
9 min, 16mm film, optical sd, col 1962
Producer USAF *Agency No.* TF01-5388E
Title No. 000306 *Sale* $31.00
Outlines principles of the occluded front. Shows how it forms and discusses its associated weather. Points out the effects of warm and cold air mixtures in summer and winter.
CLEARED FOR TV.

AIR MASSES AND FRONTS - THE WARM FRONT
11 min, 16mm film, optical sd, col 1962
Producer USAF *Agency No.* TF01-5388D
Title No. 000307 *Sale* $37.25
Discusses the hazards of the warm front and shows how it forms. Covers nimbostratus and alto-status cold decks, summer and winter patterns, areas of instability and structural ice.
CLEARED FOR TV.

AIR OPERATIONS IN THE ANTARCTIC
16 min, 16mm film, optical sd, col 1960
Producer USN *Agency No.* MN08775
Title No. 122284 *Sale* $55.00
Discusses the variety and scope of air operations in the Antarctic, and describes in detail ground operations, pre-flight check, preheating, starting, taxiing, take-off, landing, parking, and securing.
CLEARED FOR TV.

***AIR POLLUTION AND PLANT LIFE**
20 min, 16mm film, optical sd, col
Producer USEPA *Agency No.* TS-105
Title No. 122260 *Sale* $68.25
Surveys air pollution injury to vegetation across the country by common atmospheric pollutants such as sulfur dioxide, oxides of nitrogen, fluorides, ozone, and pan. Areas of injury surveyed include Tennessee, Alabama, Florida, West Virginia, Maryland, and California.
SUGGESTED FOR PROFESSIONAL AND TECHNICAL TRAINED AUDIENCES IN GOVERNMENT, INDUSTRY, AND EDUCATION AT THE UNDERGRADUATE LEVEL OR ABOVE.

AIR POLLUTION IN THE NEW YORK-NEW JERSEY INTERSTATE AREA
15 min, 16mm film, optical sd, col
Producer USNMAC *Agency No.* M-1624-X
Title No. 122270 *Sale* $51.75

Illustrates the interstate nature of air pollution and deals with two of the major pollutants--sulfur dioxide and carbon monoxide. It discusses the harmful effects of both gases, and the seriousness of air pollution in this seventeen county bi-state area.

AIR POWER AND THE MAN
29 min, 16mm film, optical sd, b&w 1965
Producer USAF *Agency No.* SFP 1388
Title No. 122308 *Sale* $50.25

Reviews the career of General Curtis E Lemay from flying school graduation in 1929 to his retirement as Air Force Chief of Staff. Covers his feats as a leader of military forces in times of war and peace.

CLEARED FOR TV.

AIR POWER IN ACTION - THE U S AIR FORCE IN VIETNAM
13 min, 16mm film, optical sd, col 1966
Producer USAF *Agency No.* FR 0643
Title No. 122310 *Rental* $10.00 O/PRINT

Depicts key role of air power in Vietnam crisis. Shows activities in strategic and tactical air-toground assault, interdiction, reconnasisance, air rescue, and assault airlift.

THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY. CLEARED FOR TV.

AIR RESCUE SERVICE, THE
10 min, 16mm film, optical sd, col 1961
Producer USAF *Agency No.* SFP 1085
Title No. 122330 *Sale* $34.00

Defines the role and global mission of MATS air rescue service which stands ready to act in emergencies.

AIR RESERVE FORCES, THE
13 min, 16mm film, optical sd, col 1959
Producer USAF *Agency No.* SFP 0620
Title No. 122331 *Rental* $10.00 Sale $45.25

Describes mission, training, and combat readiness of the Air force Reserves and Air National Guard.

CLEARED FOR TV.

AIR SAMPLING FOR MICROBIOLOGICAL PARTICULATES
11 min, 16mm film, optical sd, col 1965
Producer USPHS *Agency No.* M-0926
Title No. 122305 *Sale* $37.25

Shows the proper techniques for sampling air-borne bacteria in hospitals, using the reyniers and TDL samplers. Illustrates reasons for air-borne sampling, operation of the two samplers and counting bacterial colonies.

AIR START CHECK VALVE, CYLINDER RELIEF VALVE, AND INDICATOR COCK
13 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN03691G
Title No. 000308 *Sale:* W/DRAWN

Tells how to disassemble and reassemble the air start check valve, cylinder relief valve, and the indicator cock and test the cylinder relief valve.

From the *FAIRBANKS MORSE DIESEL ENGINE MAINTENANCE Series. Model 38D8 1/8 O.P.*

*** AIR TRAFFIC CONTROL AND PERFORMING ARTS**
7 min, 16mm film, optical sd, col 1973
Producer USFAA *Agency No.* FA-05-72
Title No. C01979 *Sale* $29.50

Shows how computers assist air traffic controllers at airports. ARTS III - short for Automated Radar Terminal Systems is explained by a controller at Dulles Airport tower. This equipment is in operation at many major terminals through the U.S.

AIR TRAFFIC CONTROL PROCEDURES
30 min, 16mm film, optical sd, b&w 1960
Producer USAF *Agency No.* TF01-5350
Title No. 122373 *Sale* $52.00

Outlines air traffic control responsibilities of pilots and controllers and points out the growing complexity of air traffic problems.

THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY. CLEARED FOR TV.

AIR UNIVERSITY, THE
28 min, 16mm film, optical sd, col 1968
Producer USAF *Agency No.* SFP 1680
Title No. 122385 *Sale* $113.50

Depicts the Air University mission. Outlines the curricula, objectives and methods of instruction in the Air War College, Air Command and Staff College, Officers' Squadron School, Institute of Technology, and extension courses. Explains how the University's wide field of teaching is designed to advance Officers and airmen in their careers.

CLEARED FOR TV.

*** AIR WE BREATHE IN INDUSTRIAL ENVIRONMENTS, THE**
16 min, 16mm film, optical sd, col 1972
Producer USBM
Title No. 003567 *Sale* $68.00

Discusses the composition and importance of air in relation to various working environments - describes industrial health (breathing) hazards encountered and the importance of protecting workers by using protective equipment and proper ventilation.

PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

AIR WEATHER SERVICE OF THE USAF, THE
14 min, 16mm film, optical sd, col 1966
Producer USAF *Agency No.* SFP 1359
Title No. 000309 *Sale* $48.50

Portrays Air Weather Service's (AWS) global network of weather facilities. Shows how AWS provides accurate weather information for military use through its weather centrals, forecast centers, base weather stations, observation site and world-wide weather reconnaissance and atmospheric sampling missions.

CLEARED FOR TV.

AIRBORNE OCEANOGRAPHY - OCEANOGRAPHER OF THE NAVY
23 min, 16mm film, optical sd, col 1969
Producer USN *Agency No.* MN10523
Title No. 122390 *Sale* $94.00

Shows major areas of airborne research conducted by the Oceanographic Office. Includes scenes of long-range ice forecasting, magnetic surveying of the Earth's surface and surveying the Gulf Stream.

AIRBORNE TRANSMISSION OF TUBERCULE BACILLI
7 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1300
Title No. 122560 *Sale* $24.50

Shows how airborne tuberculosis infection takes place, how the pattern of transmission is verified, and how infection can be controlled.

AIRCRAFT ACCIDENT INVESTIGATION
37 min, 16mm film, optical sd, b&w 1957
Producer USAF *Agency No.* TF01-8150
Title No. 006417 *Sale* $63.50

Explains that simple human errors are the cause of most aircraft accidents, many of which are triggered by the personal problems of the pilot. Demonstrates the techniques of medical investigation in two cases of deaths resulting from preventable accidents.

CLEARED FOR TV.

AIRCRAFT CALLED SEVENTY, THE

31 min, 16mm film, optical sd, col 1965
Producer USAF *Agency No.* SFP 1158
Title No. 122570 *Sale* $104.25
Reviews pilot preparation and maiden flight of XB-70. Highlights development and construction of unique features such as stainless steel skin and folding wing tips.
CLEARED FOR TV.

AIRCRAFT CRASH FIRE INCIDENT SIMULATION TESTS OF THE LIGHT WATER TWINNED AGENT SYSTEM

18 min, 16mm film, optical sd, col 1966
Producer USN *Agency No.* MN10333
Title No. 122608 *Sale* $74.25
Shows introduction of twinned agent (light water and purple-k powder) fire extinguishers into the aircraft fire fighting and rescue service.
NOT CLEARED FOR TV.

AIRCRAFT ENGINE R3350-30W - PRINCIPLES OF OPERATION

15 min, 16mm film, optical sd, b&w
Producer USN *Agency No.* FN08032
Title No. 122574 *Sale* $35.75
Describes general engine, carburetion and super-charging, low tension ignition, power conversion and recovery, lubrication and cooling systems.

AIRCRAFT ENGINES - ELEMENTS OF ELECTRICITY AS APPLIED TO IGNITION SYSTEMS

28 min, 16mm film, optical sd, b&w 1941
Producer USAF *Agency No.* TF01-0136
Title No. 122580 *Sale* $48.25
Portrays elementary phenomena in electricity and magnetism and the application of these principles to engine ignition systems.
CLEARED FOR TV.

AIRCRAFT FAMILIARIZATION - T2J-1 BUCKEYE, AIRCRAFT SYSTEMS

13 min, 16mm film, optical sd, col 1960
Producer USN *Agency No.* MN08817-A
Title No. 122589 *Sale* $60.00
Shows the T2J-1 Buckeye and its aircraft systems. Describes in diagrammatic detail the fuel, oil, hydraulic, and electrical systems.
CLEARED FOR TV.

AIRCRAFT FAMILIARIZATION - T2J-1 BUCKEYE, CARRIER PROCEDURES

10 min, 16mm film, optical sd, col 1960
Producer USN *Agency No.* MN08817-E
Title No. 122590 *O/PRINT*
Shows paddles-controlled and mirrow approaches for carrier landings in the T2J-1 Buckeye. Demonstrates carrier deck handling procedures between arrested landing and catapulting, pilot techniques for maneuvering T2J-1 onto the catapult, and standard cockpit procedures prior to launch.
CLEARED FOR TV.

AIRCRAFT FAMILIARIZATION - T2J-1 BUCKEYE, EMERGENCY PROCEDURES

10 min, 16mm film, optical sd, col 1960
Producer USN *Agency No.* MN08817-B
Title No. 122591 *Sale* $34.00
Demonstrates simulated in-flight emergencies in the T2J-[illegible] Buckeye for the benefit of the Naval Air basic training flight student. Includes engine failure with air start procedures, fire, failure of the aircraft systems, remedial procedures, and operation of the pilot escape (ejection seat) system.
CLEARED FOR TV.

AIRCRAFT FAMILIARIZATION - T2J-1 BUCKEYE, FIELD CARRIER LANDING PROCEDURES

11 min, 16mm film, optical sd, col 1960
Producer USN *Agency No.* MN08817-D
Title No. 122592 *Sale* $37.25
Describes the detailed patterns of landing procedures and demonstrates the flight techniques to be utilized by the naval air basic training student in flying paddles - controlled and mirror approaches in field carrier landing procedures for the T2J-1 Buckeye. Illustrates LSO signals and mirror 'meatball' positions with in-flight responses required of the student pilot.
CLEARED FOR TV.

AIRCRAFT FAMILIARIZATION - T2J-1 BUCKEYE, OPERATING PROCEDURES

22 min, 16mm film, optical sd, col
Producer USN *Agency No.* MN 8817-C
Title No. 001577 *Sale* $74.75
Takes a naval air basic training student initial familiarization flight in the T24-1 Buckeye. Demonstrates complete preflight inspection of aircraft, pre-start cockpit check engine start, taxing, takeoff, stall, spin, roll, let-down to landing approach, final landing, and shut-down procedure.

AIRCRAFT FIRE AND RESCUE PROCEDURES

39 min, 16mm film, optical sd, col 1968
Producer USAF *Agency No.* TF 6176
Title No. 122613 *Sale* $154.50
Outlines procedures for controlling aircraft fires and rescuing crewmen. Points out different techniques applying to armed aircraft, tankers, and cargo aircraft. Shows various fire truck approaches and positions. Also depicts routine personnel activities including maintenance, inspection and training programs.
CLEARED FOR TV.

AIRCRAFT MAGNETO, THE - THEORY AND OPERATION OF THE FOUR-POLE MAGNETO

30 min, 16mm film, optical sd, b&w 1944
Producer USAF *Agency No.* TF01-3638
Title No. 122620 *Sale:* W/DRAWN
Shows the relationship between the magneto and the airplane electrical system, and explains magnetism, magnetic flux, induction, Lenz's law, static and resultant flux.
CLEARED FOR TV.

AIRCRAFT OBSERVER'S PLACE IN THE AIR FORCE, THE

26 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* SFP 0311
Title No. 122625 *Sale:* W/DRAWN
Explains the function of the aircraft observer and follows a pre-flight student through his navigation electronics, and flight training, which qualifies him as navigator, bombardier, and radarman on a B-47 crew.

AIRCRAFT TIRES AND TUBES - SHOP INSPECTION, STORAGE, AND DISPOSITION

7 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TF-1 5106C
Title No. 122630 *Sale* $12.50
Shows a central tire shop where tires and tubes are rigidly inspected and checked for serviceability. Describes procedures for inspecting, testing, and storing tires and tubes.

AIRLIFT FROM AMERICA

24 min, 16mm film, optical sd, col 1966
Producer USAF *Agency No.* SFP 1293
Title No. 122730 *Rental* $12.50 Sale $98.00
Depicts the wide scope and global range of the Military Airlift Command (MAC) mission. Travelogue footage from numerous foreign countries highlights MAC achievements in aeromedical evacuation, mercy mission to disaster areas, and assault and strategic airlifts.
CLEARED FOR TV.

AIRMOBILE DIVISION, THE

29 min, 16mm film, optical sd, b&w 1966
Producer USDOD *Agency No.* AIF 015
Title No. 122735 *Sale* $50.25
Describes the history, organization, and capabilities of the ist Cavalry Division.

AIRPLANE MECHANIC, THE

9 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 278
Title No. 122825 *Rental* $5.00 Sale $19.00
Gives duties, skills, and responsibilities of an airplane mechanic.
From the *AIRCRAFT WORK* series. Preventive Maintenance

AIRPLANE STRUCTURES - CONTROL SURFACES
7 min, 16mm film, optical sd, b&w 1943
Producer USAF *Agency No.* TF01-0700
Title No. 122830 *Sale* W/DRAWN
Describes construction and principles of operation of wing flaps, ailerons, elevator, rubber and trim tabs.
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AIRPORTS IN PERSPECTIVE
15 min, 16mm film, optical sd, col 1969
Producer USFAA *Agency No.* FA-0706
Title No. 123620 *Sale* $68.00
Documents how some cities have applied workable solutions to problems associated with aviation's dynamic growth, with special emphasis focused on the coordination between airport development and comprehensive urban transportation planning programs.
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ALASKA, NEWEST OF THE UNITED STATES OF AMERICA
18 min, 16mm film, optical sd, b&w 1958
Producer USIA *Agency No.* 01-04202
Title No. 124510 *Rental* W/DRAWN Sale W/DRAWN
Gives general information and background material on Alaska and its potential. Includes President Eisenhower's signing of the bill granting statehood to the Territory of Alaska in 1958.

ALASKAN CENTENNIAL
29 min, 16mm film, optical sd, col 1967
Producer USA *Agency No.* TV 698
Title No. 124590 *Sale* $115.50
Tells the history of Alaska, first as a possession, then as the 49th state. Describes the role of Alaska in assisting the United States in defense, resources, and manpower for peace.
From the *BIG PICTURE* series.
CLEARED FOR TV.

ALASKAN HERITAGE
20 min, 16mm film, optical sd, b&w 1967
Producer USDOD *Agency No.* AFMR 0663
Title No. 124630 *Sale* $54.50
Gives the history and development of Alaska--focusing on the important role of the U.S. Armed Forces in Alaska, past and present. Shows her present day status and strategic importance as she celebrates her centennial.

ALASKAN PATROL
28 min, 16mm film, optical sd, col 1957
Producer USCG
Title No. 124635 *Rental* W/DRAWN Sale W/DRAWN
Shows the Coast Guard on patrol in the alaskan area--protecting seal herds, enforcing halibut fishing regulations, and providing medical aid for the Eskimos. Illustraes how the Eskimos work and live. Includes rare scenes of the Nalukatuk dance.
THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY. CLEARED FOR TV.

• **ALCOHOL**
5 min, 16mm film, optical sd, col 1971
Producer USNIMH
Title No. 125100 *Rental* $7.50 Sale $21.50
Shows how this widely used drug works on the body's chemistry. Presents various drinking practices in American culture.
From the *SINGLE CONCEPT DRUG FILM* series.

• **ALCOHOL**
29 min, 16mm film, optical sd, col
Producer USSRS
Title No. 125101 *Rental* $12.50 Sale $175.00
An alcoholic , and former bank vice-president, describes his experiece on skid row and how he found a new life through the Utah rehabilitation program.
From the *TO LIVE AGAIN* series.

ALERT IN THE PACIFIC
15 min, 16mm film, optical sd, col 1961
Producer USAF *Agency No.* SFP 0626
Title No. 125500 *Rental* $10.00 Sale $51.75
Describes the growing strength of Russian air power and explains how PACAF (Pacific Air Forces) stands ready to strike the first defensive blow.
CLEARED FOR TV.

ALEUTIAN MANNING
30 min, 16mm film, optical sd, col 1962
Producer USAF *Agency No.* SFP 1105
Title No. 000310 *Sale* $101.00
Tells the story of the men who operate the radar outposts along the Aleutians, a forbidding but strategic chain of islands. Narrated by the late Dick Powell,
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ALEUTIAN SKYWATCH
26 min, 16mm film, optical sd, col 1961
Producer USAF *Agency No.* SFP 1002
Title No. 000311 *Sale* $88.00
Tells the story of the aleutian Dewline, a network of radar outposts stretching across the Aleutian Islands.
CLEARED FOR TV.

• **ALICE IN NUMBERLAND**
15 min, 16mm film, optical sd, col 1962
Producer USDA *Agency No.* 1642
Title No. 126725 *Sale* $67.00
Alice, a housewife, learns that numbers guide the producing and distributing market. she discovers the vast amount of numbers that farmers, processors and retailers provide to the statistical reporting service of the USDA.

ALIGNING AND INSTALLING AUXILIARY MACHINERY
17 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 096
Title No. 126815 *Rental* $7.50 Sale $35.75
Shows how to lay out foundations for machinery installation, drill bolt holes, establish centers for holes for drilling, and align machines accurately on foundations.
From the *SHIPBUILDING SKILLS* series. Marine Machinery Installation, No. 2

ALL IT TAKES IS ONCE
25 min, 16mm film, optical sd, col 1969
Producer USFAA *Agency No.* FA-0801
Title No. 127300 *Sale* $101.75
Depicts the serious flight hazard of mental distraction, and shows how pilots can be distracted in flight by preoccupation with personal problems. Five psychological problems frequently encountered by general aviation pilots are presented.
CLEARED FOR TV.

ALL WEATHER TESTING OF AERONAUTICAL SYSTEMS
17 min, 16mm film, optical sd, col 1965
Producer USAF *Agency No.* FR 497
Title No. 127640 *Sale* $72.00
Describes tests conducted in deserts, polar regions, and in other extremes of temperature and atmospheric conditions to determine aircraft systems reliability.
CLEARED FOR TV.

• **ALL WEATHER WOOD FOUNDATIONS**
10 min, 16mm film, optical sd, col 1972
Producer USDA *Agency No.* 11387
Title No. 001965 *Sale* $54.00
Shows the actual construction of a house using a treated wood foundation and the advantages that accrue from this technique.

ALLEN CASE, THE
25 min, 16mm film, optical sd, b&w
Producer USSRS
Title No. 002946 *Sale* $43.75
Shows a mother receiving aid for dependent children. Demonstrates how Mrs. Allen is helped to cope with her problem and how social workers can increase their skill in treatment oriented interviewing. Useful in teaching crises intervention concepts.

• INDICATES NEW ENTRY

OTHER FORMAT(S) or VERSION(S):
75 min, 16mm film, optical sd, b&w
Producer USSRS
Title No. 002945 *Sale* $135.00

ALLIED VIEW OF AMERICAN HERITAGE, AN
14 min, 16mm film, optical sd, col 1965
Producer USAF *Agency No.* SFP 1338
Title No. 127824 *Sale* $48.50
Tour of Yorktown, Williamsburg, and Jamestown provied officers of allied countries with insight to American heritage.
CLEARED FOR TV.

ALONG OUR SHORES
15 min, 16mm film, optical sd, b&w 1945
Producer USCG
Title No. 128385 *Sale* $33.00
Known as the Coast Guard at War, Pt 1, Along Our Shores. Reviews the 1941-45 wartime activities of the continental limits and off the Shores of the United States.

● **ALPHA, BETA, AND GAMMA**
44 min, 16mm film, optical sd, b&w
Producer USAEC
Title No. 001226 *Sale* $74.75
Gives insight into the origins and nature of Alpha, Beta, and Gamma radiation. After a brief discussion of the methods of describing atoms and the introduction of the energy-level concept, the lecturer introduces the potential-energy well model of the nucleus. This, together with the barrier model, is used as the frame of reference for a variety of other nuclear concepts. Filmed under the direction of the Atomic Energy Commission's Division of Isotope Development.
From the *UNDERSTANDING THE ATOM* series.

AMBULATION TRAINING FOR THE PARKINSON PATIENT
7 min, 16mm film, optical sd, col 1967
Producer USNMAC *Agency No.* M-1445
Title No. 128680 *Sale* $22.75
Presents a detailed explanation and demonstration of techniques for use in ambulation training for the Parkinson patient.

AMBULATION TRAINING OF THE HEMIPLEGIC PATIENT
10 min, 16mm film, optical sd, col
Producer USNMAC *Agency No.* M-1333
Title No. 129675 *Sale* $34.00
Shows beginning ambulation training of the hemiplegic patient using a handy standy or a pick-up strap, according to the particular needs of the patient. These temporary assists are used with the patient inside the parallel bars. Delivery of a brace can take as long as six weeks and the hemiplegic's ambulation program need not be delayed that long.

AMERICA IN SPACE - THE FIRST DECADE
28 min, 16mm film, optical sd, col
Producer USNASA *Agency No.* HQ 183
Title No. 130030 *Sale* $119.50
Provides a 10-year history of NASA's role in the exploration of space. Describes major accomplishments in aeronautics, atmospheric research, the use of scientific and applications satellites, studies of the Moon and planets, and manned space flight.
CLEARED FOR TV.

● **AMERICA IN SPACE - THE FIRST FIVE YEARS**
14 min, 16mm film, optical sd, col 1963
Producer USNASA *Agency No.* HQ 103
Title No. 130040 *Sale* $58.25
Traces the growth of America's space program from Explorer 1 through the initial phases of the Apollo program.

● **AMERICA ON THE ROCKS**
15 min, 16mm film, optical sd, col 1973
Producer USNIAA
Title No. 004659 *Rental* $10.00 *Sale* $75.00
Documents the national problem of alcoholism and spells out the plight of 9 million drinkers in the Country today.
OTHER FORMAT(S) or VERSION(S):
29 min, 16mm film, optical sd, col 1973
Producer USNIAA
Title No. 003902 *Rental* $12.50 *Sale* $113.50

AMERICA'S CRITICS ABROAD
20 min, 16mm film, optical sd, b&w 1965
Producer USDOD *Agency No.* AFIF 0137
Title No. 130150 *Rental* $7.50 *Sale* $42.50
Explains how to counter adverse criticism of the United States when abroad and how to reply to questions about American habits, attitudes, and policies. Points out the serviceman's responsibility to be accurately informed when representing the position of the United States Government.
NOT CLEARED FOR TV.

AMERICAN FIRST ARMY - AACHEN TO THE ROER RIVER
25 min, 16mm film, optical sd, b&w
Producer USA *Agency No.* CHR-B030
Title No. 130750 *Sale* $60.25
Shows scenes of the American 1st Army's advance from Aachen to the Roer River in World War II. Covers activities of the 1st, 9th, 28th, 83rd, and 104th Divisions, and the 3rd Armored Division.

AMERICAN ISLAND, THE
29 min, 16mm film, optical sd, col 1970
Producer USBOR
Title No. 131820 *Rental* $12.50 *Sale* $117.50
Shows one of America's last unspoiled resources, her islands. Indicates how intelligent planning for use provides a variety of recreational activities and protects this environment for future generations. Covers islands from Maine to California, such as, Mt Desert Island, Harkers Island, Isle Royal, and Santa Catalina.

AMERICAN NAVY IN VIETNAM
28 min, 16mm film, optical sd, col
Producer USN *Agency No.* MN10276
Title No. 132140 *Sale* $94.50
Illustrates the Navy's commitments in Vietnam including bombing and missile strikes, a river assault landing, and civil action. Narrated by Chet Huntley.

AMERICAN NINTH ARMY - AACHEN TO THE ROER RIVER
31 min, 16mm film, optical sd, b&w
Producer USA *Agency No.* CHR-B-029
Title No. 132155 *Sale* $53.50
Shows scenes of the American 9th Army's advance from Aachen to the Roer River in World War II.

AMERICAN SOLDIER IN COMBAT, THE
29 min, 16mm film, optical sd, b&w 1960
Producer USA *Agency No.* AIF 011
Title No. 132705 *Sale* $50.25
An account of the combat history of the American fighting man from the early days to the struggle for independence in the present era.

● **AMHARIC - BASIC COURSE, UNITS 1-50**
26 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004030 *Sale* $84.50
Cassettes and accompanying text are both available for $86.75.
OTHER FORMAT(S) or VERSION(S):
51 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004031 *Sale* $142.00
Tape set and accompanying text are both available for $144.25.

● **AMHARIC - BASIC COURSE, UNITS 51-60 AND READER GLOSSARY**
5 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004032 *Sale* $16.25
Cassettes and accompanying text are both available for $18.75.
OTHER FORMAT(S) or VERSION(S):
10 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004033 *Sale* $28.00

Tape set and accompanying text are both available for $30.50.

AMMUNITION SUPPLY POINT OPERATION
25 min, 16mm film, optical sd, b&w 1954
Producer USA *Agency No.* TF09-1859
Title No. 133401 *Sale* $52.50
Depicts the operation of a typical ammunition supply point in receipt and issue of ammunition, emphasizing the need for accurate records, proper storage, and safety measures.

● **AMONG YOUR SOUVENIRS**
15 min, 16mm film, optical sd, col 1967
Producer USDA *Agency No.* 6355
Title No. 133545 *Sale* $67.00
Portrays the menace foreign plant and animal pests present to U.S. agriculture and public health. Shows how tourists unwittingly bring serious foreign pests into the United States in innocent looking items. Depicts inspections carried on to stop these invasions.

AMPERES, VOLTS, AND OHMS
8 min, 16mm film, optical sd, b&w
Producer USN *Agency No.* MN01540U
Title No. 133550 *Rental* $5.00 *Sale* $18.00
Explains the meaning, relationship, and measurement of amperes, volts, and ohms.

AMPLIFIER DISTORTION
22 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-325
Title No. 133710 *Sale* $46.25
Defines harmonics and square wave, and explains the frequency content of a square wave. Defines and explains what causes frequency, amplitude, and phase distortion. Identifies waveshapes of each type of distortion. (Kinescope)

AMPLIFIER PRINCIPLES
35 min, 16mm film, optical sd, b&w 1965
Producer USAF *Agency No.* TVK 30-414
Title No. 133714 *Sale* $72.50
Identifies and compares voltage and power amplifiers. Explains class A, AB, B, and C amplifiers as to their operating point on the characteristic curve as determined by their bias. Discusses the third method of classifying amplifiers, that of frequency. Compares the efficiency and fidelity of each class of amplifier, and gives the configuration of the three types of amplifier circuits. (Kinescope)

AMPLIFIER PRINCIPLES - CLASSIFICATION, PT 1
20 min, 16mm film, optical sd, b&w 1965
Producer USAF *Agency No.* TVK 30-323A
Title No. 133716 *Sale* $42.50
Discusses frequency response, voltage and current amplification, and classes of operation. Defines fidelity, selectivity, sensitivity, and efficiency. (Kinescope)

AMPLIFIER PRINCIPLES - CLASSIFICATION, PT 2
20 min, 16mm film, optical sd, b&w 1965
Producer USAF *Agency No.* TVK 30-323B
Title No. 133718 *Sale* $42.50
Identifies class A, AB, B and C amplifiers from their characteristic curves. Compares their efficiency, fidelity, and demonstrates how bias and magnitude of input signal determine the class of operation. (Kinescope)

AMPLIFIER PRINCIPLES - COUPLING, PT 1
27 min, 16mm film, optical sd, b&w 1965
Producer USAF *Agency No.* TVK 30-324A
Title No. 133724 *Sale* $56.50
Illustrates and explains direct coupling of amplifier stages. Gives the limitations and the main advantage of direct coupling. Discusses RC coupling, showing the schematic and explaining the purpose of the components. Shows and traces the path of an AC signal through the RC coupling network. (Kinescope)

AMPLIFIER PRINCIPLES - COUPLING, PT 2
25 min, 16mm film, optical sd, b&w 1965
Producer USAF *Agency No.* TVK 30-324B
Title No. 133726 *Sale* $52.50
Shows the difference between RC and impedance coupling. Discusses the function of the components and the reason for impedance coupling having a high gain. Shows the schematic diagram and traces the AC signal through the circuit. Gives a schematic of a transformer coupled amplifier, explains the action of a transformer coupled amplifier, and traces the current flow through the circuit. (Kinescope)

● **AMVER - LIFESAVING COMPUTER OF THE SEAS**
14 min, 16mm film, optical sd, col 1973
Producer USCG *Agency No.* GCMP-1572
Title No. 001980 *Sale* $58.25
Describes the AMVER (Automated Mutual Assistance Vessel Rescue System) and how it works as an aid to the development and coordination of search and rescue efforts at sea.
CLEARED FOR TV.

● **AMVER-AUTOMATED MERCHANT VESSEL REPORTS**
14 min, 16mm film, optical sd, col 1965
Producer USCG
Title No. 004437 *Sale* $57.00
Provides a graphic fast-moving description of the Amver system and how it works as an aid to the development and co-ordination of search and rescue efforts at sea. The system is shown in action as its electronic computer furnishes positions and medical capability information of nearby merchant vessels in three distress cases-two different ships and one aircraft.
THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY. CLEARED FOR TV.

AN/TCC-7 SYSTEM, PT 2, INITIAL ADJUSTMENTS OF CARRIER TELEPHONE TERMINAL
23 min, 16mm film, optical sd, b&w 1958
Producer USA *Agency No.* TF11-2696
Title No. 133742 *Sale* $40.50
Shows the step-by-step procedures for making the initial adjustments on the carrier telephone terminal of the AN/TCC-7 system, including adjustments to the terminal plate voltage and the 600 volt power supply. Illustrates the test circuit, transmit circuit of the order wire panel, signal path of message channels and transmitted line-up frequencies.

AN/TPS-25 GROUND SURVEILLANCE RADAR, THE
30 min, 16mm film, optical sd, b&w 1963
Producer USA *Agency No.* TF06-3251
Title No. 133750 *Sale* $62.50
Shows features and surveillance capability, modes of operation, application in target identification, automatic search, automatic range, manual search, manual track audio, and manual track video.

AN/TPS-25 GROUND SURVEILLANCE RADAR, THE MOVING TARGET DETECTION
21 min, 16mm film, optical sd, b&w 1962
Producer USA *Agency No.* TF06-3184
Title No. 133752 *Sale* $44.50
Features audio returns picked up by AN/TPS-25 from walking personnel, light and heavy wheeled vehicle, vehicle dispersion maneuver, tracked vehicle, and tanks.

ANALYSIS OF NUCLEON - NUCLEON SCATTERING EXPERIMENTS
50 min, 16mm film, optical sd, col 1961
Producer USAEC
Title No. 001227 *Sale* W/DRAWN
Attempts to give an overall picture of the route followed in passing from single-, double-, and triplescattering experiments to a unique description of the scattering matrix in terms of phase shifts. Although the formal mathematics introduced is kept to a minimum, it presupposes that the student knows what a wave function, and what is meant by a quantummechanical state.

ANATOMIC LANDMARKS IN PANOREX RADIOGRAPHY
12 min, 16mm film, optical sd, col
Producer USVA *Agency No* D-17-R
Title No 134150 *Sale* W/DRAWN
Relates the anatomical structures of the maxilla and mandible to the radiolucencies and radiopacities seen in the panorex radiograph. Provides knowledge of the normal anatomy essential for interpretation of the of the panoramic radiograph.

ANATOMIC LANDMARKS IN PANOREX RADIOGRAPHY (REV ED)
17 min, 16mm film, optical sd, col 1970
Producer USVA *Agency No* D-017
Title No 134152 *Sale* $54.00
Relates the anatomical structures of the maxilla and mandible to the radiolucencies and radiopacities seen in the panorex radiograph. Points out that the complexity of the panoramic radiograph requires knowledge of anatomy for interpretation.

ANATOMY OF A TRIUMPH
30 min, 16mm film, optical sd, col 1970
Producer USGSA
Title No 134444 *Rental* $12.50 Sale $121.25
Documents man's attempts to fly--from the Wright Brothers' Kitty Hawk flight to the Apollo 11 walk on the Moon. Contains footage of the Wright Brothers, Lindbergh, Rickenbacker, Goddard, Von Braun, Hitler, astronauts in the Mercury, Gemini, and Apollo programs and Yuri Gagarin's epic voyage into space.

ANATOMY OF AGGRESSION, THE
29 min, 16mm film, optical sd, b&w 1961
Producer USIA *Agency No* AFIF 0108
Title No 134450 *Rental* W/DRAWN Sale W/DRAWN
Reviews Communist activities during the past 15 years and emphasizes the conflicts between democracy and totalitarianism.

ANATOMY OF THE HEAD AND NECK - MASSETER AND TEMPORAL MUSCLES
14 min, 16mm film, optical sd, col 1959
Producer USVA *Agency No* D-108
Title No 134611 *Sale* $53.00
Portrays Anatomy of lateral aspect of the head. Deep dissection includes the temporal and masseter areas --illustrating muscles, tissue spaces, associated nerves and vessels.

ANATOMY OF THE HEAD AND NECK - PTERYGOID MUSCLES AND INFRA-PTERYGOID
17 min, 16mm film, optical sd, col 1969
Producer USVA *Agency No* D-109
Title No 134613 *Sale* $66.75
Illustrates Anatomy of the lateral aspect of head deep to the pterygoid muscles and shows nerves and vessels to the base of the skull.

ANCIENT QUEST, THE
30 min, 16mm film, optical sd, b&w 1966
Producer USIA *Agency No* 01-01470
Title No 135301 *Rental* W/DRAWN Sale W/DRAWN
Explores U S progress in desalination.
From the *REPORT FROM AMERICA* series.

AND NOW MIGUEL
60 min, 16mm film, optical sd, b&w 1953
Producer USIA *Agency No* 56-00532
Title No 135800 *Rental* W/DRAWN Sale W/DRAWN
The story of an American family in the Southwest who has inherited from Spanish ancestors the traditions of sheep-raising. Portrays family relationships and the fulfillment of young Miguel's dream of being accepted on equal footing by his father and older brothers. Also called "Sheepherding in the Southwest."

AND, OF COURSE, YOU
13 min, 16mm film, optical sd, col 1968
Producer USIA *Agency No* 01-11451
Title No 135801 *Rental* W/DRAWN Sale W/DRAWN
Depicts how the common man around the world is affected by spin-off benefits of the U S space program. Uses motion picture, still photography and animation to show developments in food production, education, communications, navigation, meteorology, resource exploration, mapping and other activities.

ANGIOGRAPHY AS A DIAGNOSTIC PROCEDURE
90 min, 16mm film, optical sd, b&w 1968
Producer USNMAC *Agency No* T-1872-X
Title No 136601 *Sale* $187.00
Illustrates and evaluates indications for applying angiographic procedures to the study of clinical problems in man. (Kinescope)
From the *BOSTON MEDICAL REPORTS* series.

ANGIOGRAPHY, PT 1
30 min, 16mm film, optical sd, b&w 1966
Producer USNMAC *Agency No* T-1855-X
Title No 136605 *Sale* $60.50
Presents the consideration and performance of angiographic techniques which have proved most useful and least hazardous. (Kinescope)
From the *BOSTON MEDICAL REPORTS* series.

ANGIOGRAPHY, PT 2
30 min, 16mm film, optical sd, b&w 1966
Producer USNMAC *Agency No* T-1856-X
Title No 136607 *Sale* $60.50
Discusses the significance of angiographic techniques and the lesions which they delineate. Considers angiography for the diagnosis of disease entities other than primary vascular lesions but which are associated with abnormal vascular patterns. (Kinescope)
From the *BOSTON MEDICAL REPORTS* series.

ANIMAL BITES AND RABIES
15 min, 16mm film, optical sd, col
Producer USNMAC *Agency No* M-2002
Title No 137150 *Sale* $62.25
Stresses the animal bite problem and shows what steps can be taken by the individual and community to reduce the menace. Depicts how physical and psychic trauma of rabies and other diseases can be prevented by controlling animal bites.

ANOTHER DAY OF WAR - THE USAF IN VIETNAM
14 min, 16mm film, optical sd, col
Producer USAF *Agency No* SFP 1639
Title No 140075 *Sale* $48.50
Depicts a typical day in the life of Air Force personnel serving in Southeast Asia. Highlights include air and ground warfare, air rescue, flight line maintenance, civic action program, and food service activities.
CLEARED FOR TV.

ANOTHER VOICE
10 min, 16mm film, optical sd, col 1969
Producer USSRS
Title No 140080 *Sale* $41.00
Depicts the rehabilitation of the laryngectomes via esophageal speech.

ANOTHER WAY
29 min, 16mm film, optical sd, col
Producer USOEO
Title No 140083 *Sale* $80.00
Portrays the intense personal experiences of three job corpsmen in a 10-day election race for corpsmen government at Parks Job Corps Center in California.

* **ANSWER IS UNDERSTANDING, THE**
29 min, 16mm film, optical sd, col 1971
Producer USNIMH
Title No 140115 *Rental* $12.50 Sale $119.50
Presents a detailed account of current knowledge about narcotics and dangerous drugs. Begins with the legendary higs of 4,000 BC, and ends with the addiction and psychedelic dilemmas of today.

ANSWER, AN
28 min, 16mm film, optical sd, col
Producer USN *Agency No.* MN09797
Title No. 141011 *Sale* $94.50
President Kennedy visits the Second Fleet and 2nd Marine Division to view exercises involving air, sea, and amphibious operations.

ANTENNA MATCHING DEVICES
25 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-603
Title No. 140531 *Sale* $52.50
Discusses feeding of the antenna and impedance matching-discusses feeding with both resonant lines and nonresonant lines. Explains feeding with the coaxial and the twisted pair line. Discusses delta matching, quarterwave stub matching and quarterwave matching transformer. (Kinescope)

ANTENNAS
32 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-601
Title No. 140535 *Sale* $66.50
Defines 'antenna,' and explains the physical construction and the electrical characteristics of a single dipole antenna. Describes half and quarter wave antennas. Defines induction fields and radiation fields. (Kinescope)

ANTIBODY SPECIFICITY AND ANTIGEN HETEROGENEITY
28 min, 16mm film, optical sd, b&w 1968
Producer USNMAC *Agency No.* T-1677
Title No. 140760 *Sale* $58.50
Discusses theories concerning antibody specificity, blood groupings concepts built around these theories, and the use of this material as a working tool in the clinical laboratory in serology and complement fixation tests. (Kinescope)
From the *CLINICAL PATHOLOGY* series.

ANTICOAGULATION DILEMMA, THE
29 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No.* T-1775
Title No. 140772 *Sale* $60.50
Dr Ebert presents a case in favor of the discriminate use of anticoagulants with myocardial infarction patients. Dr Mason presents a case against their use. (Kinescope)
From the *CONCEPTS AND CONTROVERSIES IN MODERN MEDICINE Series.*

ANTIGEN ANALYSIS BY CELLULOSE CHROMATOGRAPHY AND GEL DIFFUSION OF HYDATID FLUID
27 min, 16mm film, optical sd, col 1962
Producer USPHS *Agency No.* M-0545
Title No. 000314 *Sale* $91.25
Provides a visual report of a research project on the analysis of antigens in hydatid fluid, demonstrating the techniques of cellulose chromatography and gel diffusion.

ANYTHING IS POSSIBLE - WITH TRAINING
14 min, 16mm film, optical sd, col 1970
Producer USSBA
Title No. 141045 *Rental* $10.00 Sale $47.00
Provides examples of successful employee training in a telephone answering service, a boat yard, and a newspaper office. Shows that employee training is essential to business success.

ANYTIME - ANYTHING - ANYPLACE
14 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* SFP 634
Title No. 141038 *Rental* $7.50 Sale $25.50
Portrays the functions and services of the Military Air Transport service.

APICALLY REPOSITIONED PARTIAL THICKNESS FLAP TO ELIMINATE PERIODONTAL POCKETS
15 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No.* D-25-PE
Title No. 114200 *Sale* $51.00
Demonstrates the apically positioned partial thickness flap used to eliminate periodontal pockets that extend apical to the muco-gingival junction. This procedure results in less root exposure postoperatively.

*** APOLLO - MANNED FLIGHT TO THE MOON**
13 min, 16mm film, optical sd, col 1963
Producer USNASA *Agency No.* HQ-88
Title No. 623400 *Sale* $54.25
Presents the steps that will be taken by NASA to place men on the Moon and return them safely to Earth within this decade. Portrays the complete sequence of events for the manned lunar landing from launch to return.
THIS FILM IS CONSIDERED OF HISTORICAL VALUE AND DOES NOT NECESSARILY REFLECT CURRENT POLICY OR PLANS OF THE SPONSORING AGENCY.

APOLLO COMMUNICATIONS
7 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No.* AD 024
Title No. 141385 *Sale* $39.00
Shows how Apollo astronauts will communicate with mission control in Houston by telemetry, voice, and television. Reports on how these means of communication will be used in the Apollo mission.
From the *APOLLO DIGEST* series.
CLEARED FOR TV.

APOLLO MISSION HIGHLIGHTS
6 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No.* AD-02
Title No. 141374 *Sale* $25.50
Represents short version of ad-1.
From the *APOLLO DIGEST* series.
CLEARED FOR TV.
OTHER FORMAT(S) or VERSION(S)
12 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No.* AD-01
Title No. 141372 *Sale* $52.50

APOLLO RECOVERY
7 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No.* AD 028
Title No. 141390 *Sale* $33.25
A look at the various plans and techniques used for recovery of the Apollo spacecraft. Shows the joint efforts of NASA and department of defense forces in covering primary and secondary recovery zones.
From the *APOLLO DIGEST* series.
CLEARED FOR TV.

APOLLO 04 MISSION, THE
16 min, 16mm film, optical sd, col 1968
Producer USNASA *Agency No.* HQA 181
Title No. 141360 *Sale* $68.00
Depicts the preparation, launch and recovery operations of the successful flight of the seven and one-half million pound-thrust Saturn Five vehicle with the Apollo spacecraft. The entire voyage is animated and color photographs from inside the Saturn of the Earth are included.
CLEARED FOR TV.

*** APOLLO 07 MISSION HIGHLIGHTS**
14 min, 1/4 in. audiotape, full-track, monaural 1972
Producer USNASA
Title No. 001981 *Sale* $7.50
Provides highlights of the flight of astronauts Schirra, Eisele, and Cunningham, October 11-22, 1968.

*** APOLLO 08 MISSION HIGHLIGHTS**
15 min, 1/4 in. audiotape, full-track, monaural 1972
Producer USNASA
Title No. 001982 *Sale* $7.50
Provides highlights of the flight of astronauts Borman, Lovell, and Anders, December 21-27, 1968.

APOLLO 09 - THE SPACE DUET OF SPIDER AND GUMDROP
28 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No.* HQ 189
Title No. 141371 *Sale* $117.25
Shows a pictorial documentary of the Apollo 39 Fission, the first Earth-orbital rendezvous and docking of the Apollo command module (Gumdrop) and the Apollo lunar module (Spider).
CLEARED FOR TV.

*** APOLLO 09 MISSION HIGHLIGHTS**
20 min, 1/4 in. audiotape, full-track, monaural 1972
Producer USNASA
Title No. 001983 *Sale* $7.50
Provides highlights of the flight of astronauts MC Divitt, Scott, and Schweickart, March 3-13, 1969.

APOLLO 10 - GREEN LIGHT FOR A LUNAR LANDING
29 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No.* HQ 190
Title No. 141369 *Sale* $121.25
Shows highlights of the second lunar-orbital mission by astronauts Stafford, Cernan and Young, May 1969, including descent of the lunar module within nine miles of the lunar surface. Features views of the lunar features and the Earth from space.
CLEARED FOR TV.

*** APOLLO 10 MISSION HIGHLIGHTS**
33 min, 1/4 in. audiotape, full-track, monaural 1972
Producer USNASA
Title No. 001984 *Sale* $7.50
Provides highlights of the flight of astronauts Stafford, Young, and Cernan, May 18-26, 1969.

*** APOLLO 11 MISSION HIGHLIGHTS**
57 min, 1/4 in. audiotape, full-track, monaural 1972
Producer USNASA
Title No. 001985 *Sale* $7.50
Provides highlights of the Moon-landing mission of astronauts Armstrong, Collins, and Aldrin, July 16-24, 1969.

APOLLO 12 - PINPOINT FOR SCIENCE
28 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No.* HQ 197
Title No. 141375 *Sale* $121.25
Describes the second lunar landing with emphasis on scientific investigation and landing accuracy.
CLEARED FOR TV.

*** APOLLO 12 MISSION HIGHLIGHTS**
41 min, 1/4 in. audiotape, full-track, monaural 1972
Producer USNASA
Title No. 005287 *Sale* $7.50
Provides highlights of the Moon-landing mission of astronauts Conrad, Gordon, and Bean, November 14-24, 1969.

APOLLO 13 - HOUSTON, WE'VE GOT A PROBLEM
29 min, 16mm film, optical sd, col 1970
Producer USNASA *Agency No.* HQ 200
Title No. 141380 *Sale* $119.50
Describes the return flight of the crewmen of the Apollo 13 mission following an explosion on board the service module. Emphasizes the teamwork of mission control and the spacecraft crew as well as worldwide reaction to the crisis.
CLEARED FOR TV.

*** APOLLO 13 MISSION HIGHLIGHTS**
34 min, 1/4 in. audiotape, full-track, monaural 1972
Producer USNASA
Title No. 001986 *Sale* $7.50
Provides highlights of the Moon-landing mission of astronauts Lovell, Swigert, and Haise, April 11-17, 1970.

*** APOLLO 14 MISSION HIGHLIGHTS**
38 min, 1/4 in. audiotape, full-track, monaural 1972
Producer USNASA
Title No. 001987 *Sale* $7.50
Provides highlights of the Moon-landing mission of astronauts Shepard, Roosa, and Mitchell, January 31-February 9, 1971.

*** APOLLO 15 - IN THE MOUNTAINS OF THE MOON**
28 min, 16mm film, optical sd, col 1971
Producer USNASA *Agency No.* HQ 217
Title No. 141300 *Sale* $117.25
Tells the story of the most ambitious and successful lunar landing mission to date. Includes details of the three lunar surface scientific expeditions, the experiments in lunar orbit and the dramatic return to Earth.

*** APOLLO 15 MISSION HIGHLIGHTS**
35 min, 1/4 in. audiotape, full-track, monaural 1972
Producer USNASA
Title No. 001988 *Sale* $7.50
Provides highlights of the Moon-landing mission of astronauts Scott, Worden, and Irwin, July 26-August 7, 1971.

*** APOLLO 16 - NOTHING SO HIDDEN**
28 min, 16mm film, optical sd, col 1972
Producer USNASA *Agency No.* HQ 222
Title No. 001989 *Sale* $119.50
Presents a documentary account of the Apollo 16 lunar landing mission, and exploration in the highland region of the Moon, near the Crater Descartes. Through the use of cinema verite techniques, the real time anxieties and lighter moments of the support teams were captured in mission control and the science support room.

*** APOLLO 17 - ON THE SHOULDERS OF GIANTS**
29 min, 16mm film, optical sd, col 1973
Producer USNASA *Agency No.* HQ 227
Title No. 001992 *Sale* $121.25
Presents a documentary of the Apollo 17 journey to Taurus-Littrow, the final lunar landing mission. In addition to depicting the major events of the mission, key scientists and space program officials briefly describe the work going on in preparation for the Skylab, the US/USSR link up, and Space Shuttle programs of the future.

*** APOLLO 17 MISSION HIGHLIGHTS**
34 1/4 in. audiotapes, full-track, monaural 1973
Producer USNASA
Title No. 001990 *Sale* $7.50
Shows how the Lunar Rover III rolls on the Moon surface for the first time, including highlights of the flight of astronauts Cernan, Schmitt, and Evans, December, 1972 from launching through post-recovery activities, with emphasis on initial exploration of the lunar surface.

APPLICATION OF PASCAL'S LAW, PT 1
13 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN01730C
Title No. 141600 *Rental* $7.50 Sale $23.75
Reviews Pascal's law and demonstrates its application in the operation of a hydraulic system.
From the *ELEMENTARY HYDRAULICS* series.

APPLICATION OF PASCAL'S LAW, PT 2
15 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN01730D
Title No. 141601 *Rental* $7.50 Sale $27.00
Demonstrates Pascal's law, using two putput pistons. Explains the principles of hydraulic brakes and the hydraulic jack.
From the *ELEMENTARY HYDRAULICS* series.

APPLICATIONS OF INSULIN AND GROWTH HORMONE ASSAYS IN CLINICAL MEDICINE
29 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No.* T-1675
Title No. 141648 *Sale* $59.50
General principles of radioimmunoassay are described with special reference to insulin and human growth hormone. Special emphasis placed on 'double antibody' variant with its advantages over other variations of the technique. (Kinescope)
From the *CLINICAL PATHOLOGY* series.

APPRAISING SOILS FOR SOIL ABSORPTION SYSTEMS
18 min, 16mm film, optical sd, b&w 1953
Producer USPHS *Agency No.* M-50B
Title No. 000358 *Sale* $32.00
Explains the theory of soil absorption, demonstrates characteristics and tests, and discusses the relationship of test findings to the size and construction of the tile absorption field. User should supplement film with current data.
From the *INDIVIDUAL SEWAGE DISPOSAL SYSTEMS* series.

APPRENTICE TRAINING
30 min, 16mm film, optical sd, b&w 1953
Producer USIA
Title No. 142195 *Rental* W/DRAWN Sale W/DRAWN
Illustrates the major features of a planned apprentice training program in the U S construction industry and portrays the steps in advancing through apprenticeship to journeyman status in the bricklaying trade.

APPROACH TO PERIPHERAL VASCULAR DISEASE, AN
40 min, 16mm film, optical sd, b&w 1964
Producer USNMAC *Agency No.* T-1817-X
Title No. 006418 *Sale* $81.00
Presents a patient with mild arterial insufficiency. Discusses clinical history, physical examination, search for associated conditions, and basic laboratory tests. Describes the selection of patients for arteriography and therapy. Discussed by Louis Weinstein MD, Tufts University School of Medicine. (Kinescope)
From the *BOSTON MEDICAL REPORTS* series.

APPROACH TO UNDERSTANDING DYNAMICS, AN
34 min, 16mm film, optical sd, b&w
Producer USVA
Title No. 142249 *Sale* $58.75
Depicts an interview between a patient and a psychiatrist. Analyzes the dynamics of the interview, and explains the patient's reactions to certain experiences and the meaning of these reactions to the psychiatrist.

* **ARABIC - LEVENTINE, INTRODUCTION TO PRONUNCIATION**
10 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004034 *Sale* $32.50
Cassettes and accompanying text are both available for $33.50.
OTHER FORMAT(S) or VERSION(S)
19 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004035 *Sale* $53.00
Tape set and accompanying text are both available for $54.00.

* **ARABIC - MODERN WRITTEN**
24 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004036 *Sale* $78.00
Cassettes and accompanying text are both available for $81.75.
OTHER FORMAT(S) or VERSION(S)
48 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004037 *Sale* $134.25
Tape set and accompanying text are both available for $138.00.

ARCHITECTS OF PEACE
23 min, 16mm film, optical sd, b&w
Producer USDOD *Agency No.* AFIF 0109
Title No. 143415 *Sale* $40.50
Describes the vital role of the Department of State in the area of international diplomacy, including the organization, scope, and operations of the Department and the training and responsibilities of foreign service officers in this country and in embassies around the world. Concludes with a statement by Dean Rusk, Secretary of State.

ARCHITECTURE, U S A
13 min, 16mm film, optical sd, col 1965
Producer USIA *Agency No.* 01-02633
Title No. 143615 *Rental* W/DRAWN Sale W/DRAWN
Using an original music score and no narration, presents an impressionistic view of U S architecture which reflects America's cultural life. Includes educational and religious institutions, cultural centers, and the skyscraper, America's space-saving structure with service centers and pretentious living areas.

* **ARCHIVES, THE**
13 min, 16mm film, optical sd, b&w
Producer USNARS
Title No. 143625 *Sale* W/DRAWN

ARCTIC AIRLIFT
11 min, 16mm film, optical sd, col 1959
Producer USAF *Agency No.* SFP 0619
Title No. 143640 *Rental* $7.50 Sale $37.25
Depicts the training necessary to keep the Military Air Transport Service (MATS) planes and crews geared to their wartime airlift mission in support of Strategic Air Command activities in the arctic. Shows how MATS conducts this training.
CLEARED FOR TV.

ARCTIC FIRE PROTECTION
16 min, 16mm film, optical sd, col 1965
Producer USAF *Agency No.* TF 5742
Title No. 143710 *Rental* $10.00 Sale $55.00
Portrays Alaskan Air Command's fire protection program and calls attention to the many problems encountered because of the sub-zero temperatures. Illustrates maintenance, care, operation and use of specialized fire fighting equipment. Points out that AAC's (Alaskan Air Command's) fire protection of air bases of early warning sites is vital to our national security. Cleared for TV.

ARCTIC SHIPPING - MSTS ARCTIC OPERATIONS
25 min, 16mm film, optical sd, col
Producer USN *Agency No.* MNO8647-B
Title No. 143901 *Sale* $84.75
Describes the major problems encountered during arctic sea lifts for the resupply of weather stations and military bases and for the construction of dewline sites. Includes discussion of aerial reconnaissance, hydrographic surveys, outfitting and preparation of ships, cargo operations, training of crews, good seamanship, and preparation for wintering in.

ARE DRUGS THE ANSWER
20 min, 16mm film, optical sd, col 1972
Producer USNIMH
Title No. 144130 *Rental* $10.00 Sale $96.25
Discusses the nature and harmful effects of various kinds of drugs, such as the psychedelics, speed and marijuana. Dr Alan Cohen, a former disciple of Timothy Leary and now a crusader against drug abuse, tells why he turned away from the drug scene.

* **AREA NAVIGATION**
25 min, 16mm film, optical sd, col 1970
Producer USFAA *Agency No.* FA-02-70
Title No. 001993 *Sale* $97.75
Produces the FAA's own air traffic and airway planning personnel. General aviation pilots might find it useful in better understanding the area navigation concept and particularly its advantages in helping expedite air traffic control.

AREA POISONING (REV ED)
9 min, 16mm film, optical sd, b&w 1954
Producer USNMAC *Agency No.* M-037.1-F2
Title No. 144500 *Sale* $15.75
Discusses the uses of such rodenticides as red squill, antu, arsenic trioxide, 1080 water, and warfarin.
From the *RODENT CONTROL* series, No. 7

ARGONNE FAST SOURCE REACTOR
9 min, 16mm film, optical sd, col 1960
Producer USAEC
Title No. 001228 *Sale* $32.00
Explains that the fast source is a laboratory source of neutrons-not an experimental reactor-with a power level of 1000 watts. Describes the reactor assembly and its usefulness as a readily available source of neutrons in a wide range of flux levels and flux spectra.

ARIEL - THE FIRST INTERNATIONAL SATELLITE
13 min, 16mm film, optical sd, col 1963
Producer USNASA *Agency No.* HQ 058
Title No. 144850 *Sale* $58.25
Describes the Sun's effects on Earth's ionosphere and how

this in turn affects radio transmission. International co-operation in space investigation is illustrated.
CLEARED FOR TV.

***ARIEL 2**
27 min, 16mm film, optical sd, col 1962
Producer USNASA *Agency No.* HQA 115
Title No. 144900 *Sale* $109.50
Explains the development of the second international satellite and its placement into orbit by American and United Kingdom scientists in an effort to gain new knowledge about the structure of the universe.

ARMOUR RESEARCH REACTOR
17 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No. 001230 *Sale* $74.25
Shows the design, fabrication, and operation of the first private nuclear energy reactor designed specifically for industrial research-the 50,000-watt solution type reactor built by atomics international for the Armour Research Foundation, Chicago.

ARMY AIRCRAFT GAS TURBINE ENGINE OPERATION, PT 1, PRINCIPLES OF OPERATION
13 min, 16mm film, optical sd, b&w 1960
Producer USA *Agency No.* TF46-2985
Title No. 145660 *Sale* $23.75
Explains the theory of operation of gas turbine engines. Uses animated drawings and the T53 engine to demonstrate the basic principles on which gas turbines operate, showing how the components work as the air fuel flows pass through the engine.

ARMY AIRCRAFT GAS TURBINE ENGINE OPERATION, PT 2, CONTROLS AND INSTRUMENTATION
14 min, 16mm film, optical sd, b&w 1960
Producer USA *Agency No.* TF46-2986
Title No. 145661 *Sale* $25.50
Describes the controls and instrumentation characteristic of Army aircraft equipped with gas turbine engines, using HU-1 (Iroquois) as a representative type for demonstration. Gives particular attention to gas compressor tachometer, exhaust gas temperature indicator, torque meter, fuel supply controls, and engine controls. Demonstrates the starting technique for turbine power aircraft.

ARMY AIRCRAFT GAS TURBINE ENGINE OPERATION, PT 3, CONSTRUCTION AND OPERATION OF THE T-53
15 min, 16mm film, optical sd, b&w 1960
Producer USA *Agency No.* TF46-2981
Title No. 145662 *Sale* $27.00
Describes the basic construction and operation of the T-53 gas turbine engine, including the four major sections of the engine and the four major accessory systems--fuel, anti-icing, electrical, and lubrication. Uses a cutaway of the engine to review the sequence of operation of the T-53.

ARMY EFFECTIVE WRITING, PT 1, SHORTNESS
24 min, 16mm film, optical sd, col 1968
Producer USA *Agency No.* MF12-5317
Title No. 145682 *Sale* $98.00
Explains and illustrates the rules for achieving shortness in Army writing.

ARMY EFFECTIVE WRITING, PT 2, SIMPLICITY
21 min, 16mm film, optical sd, col 1968
Producer USA *Agency No.* MF12-5318
Title No. 145683 *Sale* $86.00
Explains and illustrates the rules for achieving simplicity in Army writing.

ARMY EFFECTIVE WRITING, PT 3, STRENGTH
21 min, 16mm film, optical sd, col 1968
Producer USA *Agency No.* MF12-5319
Title No. 145684 *Sale* $86.00
Explains and illustrates the rules for achieving strength in Army writing.

ARMY EFFECTIVE WRITING, PT 4, SINCERITY
25 min, 16mm film, optical sd, col 1968
Producer USA *Agency No.* MF12-5320
Title No. 145685 *Sale* $101.75
Explains how the writer can convey to the reader an attitude of sincere interest, and illustrates rules for achieving sincerity in Army writing.

ARMY PACKAGE POWER REACTOR
26 min, 16mm film, optical sd, col 1957
Producer USAEC
Title No. 001229 *Sale* $82.50
Documents the inception, design, construction, initial operation, and dedication of the appr-2, a prototype reactor utilizing components all transportable by air. Animation is used to illustrate its operation.

ARMY RESEARCH AND DEVELOPMENT - FILM REPORT NO. 34 - SEEING THE UNSEEABLE
30 min, 16mm film, optical sd, col 1969
Producer USA *Agency No.* R&D 34
Title No. 145690 *Sale* $121.25
Describes the role of photo-instrumentation in research and development projects, focusing on the more outstanding devices and systems used in studies related to munitions, ballistics, rocketry, space vehicles, nuclear effects, oceanography, medicine, agriculture and industry.

ARMY RESEARCH AND DEVELOPMENT - PROGRESS REPORT 7
23 min, 16mm film, optical sd, b&w 1964
Producer USA *Agency No.* R&D PR7
Title No. 145710 *Sale* $50.75
Reports on objectives, scope, and results of the Swamp Fox II tests conducted by the U S Army in cooperation with the Panamanian government to evaluate mobility of military vehicles in the tropics.
CLEARED FOR TV.

ARMY RESEARCH AND DEVELOPMENT - PROGRESS REPORT 8
23 min, 16mm film, optical sd, b&w 1964
Producer USA *Agency No.* R&D PR8
Title No. 145713 *Sale* $48.50
Describes development and application of two new radio systems, AN/VRC 12 and AN/VRC 25, adopted by Army to meet changing tactical requirements.
CLEARED FOR TV.

ART OF THE REAL, THE
20 min, 16mm film, optical sd, col 1968
Producer USIA *Agency No.* 01-11457
Title No. 147251 *Rental:* W/DRAWN Sale: W/DRAWN
Features the 'Art of the Real' exhibit at the Museum of Modern Art at New York City. Suggests that Americans have an alive concern for their culture, a culture which, though controversial, is real and moving, not stagnant. Indicates that the new graphic plastic Art is not just a fad, but rather ahead of its time.

ART SCENE, U S A
17 min, 16mm film, optical sd, col 1966
Producer USIA *Agency No.* 01-02664
Title No. 147321 *Rental:* W/DRAWN Sale: W/DRAWN
A look at today's U S painters, sculptors and Dancers, such as Wyeth, Warhol, Johns, Lichtenstein, Kienholz, Motherwell, Calder, Pollock, Shahn, Levine, Rivers, Marisol, Martha Graham Dancers, the Once Group (a Happening), Hawkins, Cunningham and the Alwin Nikolais Dancers. Uses minimum narration and is designed to reflect the vitality, experimentation and creativity in tune with a society that encourages art.

ARTHROPOD-BORNE ENCEPHALITIS - ITS EPIDEMIOLOGY AND CONTROL
18 min, 16mm film, optical sd, col 1963
Producer USNMAC *Agency No.* M-0542
Title No. 147525 *Sale* $61.75
Shows clinical signs of encephalitis in humans and horses, epidemiology of the encephalitides, including collection of

mosquitoes and birds. Also laboratory techniques for studying encephalitis viruses. Demonstrates techniques of control.

ARTICULATORY MOVEMENTS IN THE PRODUCTION OF ENGLISH SPEECH SOUNDS, PT I, CONSONANTS
25 min, 16mm film, optical sd, col
Producer USVA
Title No. 147560 *Sale* $84.75
Through live-action photography of the movements of the larynegeal and articulatory structures, illustrate the production of vowels and their movements with glide sounds. Shows the importance or resonance as a factor in speech intelligibility through samples of connected speech.

* **ARTIFICIAL RESPIRATION (REV ED)**
16 min, 16mm film, optical sd, col 1973
Producer USDHEW *Agency No.* M-798
Title No. 001994 *Sale* $47.00
Teaches the individual how to take care of many of his medical and health needs in time of disaster when medical assistance might not be readily available.
From the *MEDICAL SELF HELP* series.
REQUEST WRITTEN PERMISSION FROM THE CHIEF OF TRAINING, DIVISION OF EMERGENCY HEALTH SERVICES, HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION, U S DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, 6525 BELCREST ROAD WEST HYATTSVILLE MARYLAND 20782. AFTER PERMISSION HAS BEEN OBTAINED, ATTACH TO THE PURCHASE ORDER A STATEMENT OF APPROVAL AND SEND TO N A C.

ARTIFICIAL TRANSMISSION LINES
30 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-901
Title No. 147971 *Sale* $62.50
Introduces the artificial transmission line as a device to delay a signal. Identifies the various signals used in ATL'S. Develops the charge and discharge paths of the capacitors and inductors in a multi-section artificial transmission line, and concludes by showing how the artificial transmission line can be used as a pulse-forming network in a simple pulse modulator. (Kinescope)

ARTS OF JAPAN
30 min, 16mm film, optical sd, b&w 1954
Producer USIA
Title No. 148698 *Rental:* W/DRAWN Sale: W/DRAWN
Features a young artist and ex-soldier in Japan learning about the ISE Shrine, NOH Drama, Kyoto Katsura palace and gardens, Kabuki, the tea ceremony, and modern art in woodblock, clay and oil. He visits with several leading Japanese artists and philosophers.

ASEPTIC PROCEDURE IN ORAL SURGERY
18 min, 16mm film, optical sd, col 1955
Producer USN *Agency No.* MN07930
Title No. 149214 *Sale:* W/DRAWN
Defines and shows minimum standards of aseptic procedure in minor oral surgery. Explains the duties of the staff in the aseptic procedure, and shows that the procedure is primarily sterilization plus maintenance of aseptic conditions.
NOT CLEARED FOR TV.

ASIAN ARTISTS IN CRYSTAL
17 min, 16mm film, optical sd, b&w 1956
Producer USIA *Agency No.* 01-02307
Title No. 149401 *Rental:* W/DRAWN Sale: W/DRAWN
Shows the Steuben Glass Company 1956 exhibit which includes 36 pieces of American crystal designed and engraved from original drawings by leading contemporary Asian and Middle Eastern artists. Describes folklore, religious traditions and local customs depicted in the engravings. Filmed at the National Gallery of Art in in Washington, D C and the Metropolitan Museum of Art in New York City.

ASIATIC SCHISTOSOMIASIS
23 min, 16mm film, optical sd, col 1946
Producer USN *Agency No.* MN05028
Title No. 149425 *Sale* $74.75
Explains the cause and effects of schistosomiasis, and demonstrates preventive and control measures.

ASSEMBLING APOLLO
6 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No.* AD 019
Title No. 149624 *Sale* $27.25
Shows the complex techniques developed for assembling the various stages and components of the Apollo-saturn vehicle. Includes assembly scenes inside the vehicle assembly building.
From the *APOLLO DIGEST* series.
CLEARED FOR TV.

ASSEMBLING IN A JIG - DRILLING AND RIVETING
21 min, 16mm film, optical sd, b&w 1943
Producer USOE *Agency No.* OE 137
Title No. 149650 *Rental* $7.50 Sale $37.00
Shows drilling, burring, dimpling, and riveting an aircraft sheet metal assembly.
From the *AIRCRAFT WORK* series. Assembling and Riveting, No. 2

ASSEMBLING IN A JIG - FITTING AND LINING UP
16 min, 16mm film, optical sd, b&w 1943
Producer USOE *Agency No.* OE 136
Title No. 149652 *Rental* $7.50 Sale $28.50
Tells how aircraft sheet metal parts are assembled in a precision assembly jig. Describes how to use an awl for lining up, use skin fasteners, and correct misaligned holes.
From the *AIRCRAFT WORK* series. Assembling and Riveting, No. 1

ASSESSMENT OF FAT DIGESTION
33 2x2 slides, 1/4 in. audiotape, col 1969
Producer USNMAC *Agency No.* S-1732-X
Title No. 001972 *Sale* $9.00
Shows chemical and physical events in fat digestion.
From the *FAT ABSORPTION IN HEALTH AND DISEASE* series.
SUGGESTED FOR PROFESSIONAL GROUPS ONLY.

ASSIGNMENT - SHOOT THE MOON
28 min, 16mm film, optical sd, col 1967
Producer USNASA *Agency No.* HQ 167
Title No. 149925 *Sale* $105.50
Summarizes what we have learned about the Moon through Ranger, Surveyor and Lunar Orbiter photography, and how this new knowledge contributes to manned flight to the Moon.
CLEARED FOR TV.

ASSIGNMENT - WEIGHTS AND MEASURES
18 min, 16mm film, optical sd, col 1957
Producer USNBS
Title No. 149997 *Sale* $61.75
Describes the importance of weights and measures to the average American family. Shows the experiences of an elementary school boy as he completes an assignment concerning commerical weights and measures.

ASTABLE MULTIVIBRATOR - TSTR
40 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-809B
Title No. 150195 *Sale* $82.50
Deals with the transistor astable multivibrator.

ASTRONAUT TRAINING
8 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No.* AD 004
Title No. 004533 *Sale* $33.25
Apollo astronauts are shown preparing for flight during various training programs--in the classroom, in observatories and geological surveys, underwater and in various simulators.
From the *APOLLO DIGEST* series.

ASTRONOMICAL TRIANGLE, THE
37 min, 16mm film, optical sd, b&w 1942
Producer USN *Agency No.* MN00083D
Title No. 150201 *Sale* $63.50
Explains how the astronomical triangle is formed, and its use in determining the position of ships on the Earth's surface.
From the *NAVIGATION* series.

* INDICATES NEW ENTRY

***AT HOME WITH WOOD**
12 min, 16mm film, optical sd, b&w — 1959
Producer USDA *Agency No* 1285-2
Title No 150323 *Sale* $56.00
Discusses the merits of wood in home construction. Surveys the variety of wood types, paints and preservatives available.

AT THE CROSSROADS
12 min, 16mm film, optical sd, col 1968
Producer USNMAC *Agency No* M-1602-X
Title No 150451 *Sale* $42.00
Narrated by E G Marshall. Probes the problems most U S communities face in making adequate health care accessible to all its citizens.

OTHER FORMAT(S) or VERSION(S)
28 min, 16mm film, optical sd, col 1968
Producer USNMAC *Agency No* M-1601-X
Title No 150450 *Sale* $94.50

***AT THIS VERY MOMENT**
29 min, 16mm film, optical sd, col 1972
Producer USN *Agency No* MN-10501
Title No 001995 *Sale* $115.50
Describes the Navy at various points around the world, carrying out the policies of the United States, performing such civic programs as playing host to orphan groups, training programs, etc.

ATMOSPHERIC STABILITY AND INSTABILITY EXISTING TEMPERATURE DISTRIBUTION
14 min, 16mm film, optical sd, col 1953
Producer USN *Agency No* MN07894A
Title No 150851 *Sale* $48.50
Explains the relationship of temperature distribution and stable and unstable air and how this relationship controls the weather. Shows the characteristics of stable and unstable air and how radiosonde signals are plotted.
CLEARED FOR TV.

ATMOSPHERIC STABILITY AND INSTABILITY STABILITY AND THE WEATHER
8 min, 16mm film, optical sd, col 1953
Producer USN *Agency No* MN-7894
Title No 001973 *Sale* $27.75
Explains the existing lapse rate on the RAOB (Radiosonde Observation Chart) and the relationship to stability and instability in the atmosphere. Shows the difference between Adiabatic lapse of moist and dry air.

ATMOSPHERIC STABILITY AND INSTABILITY THERMAL CONVECTION
11 min, 16mm film, optical sd, col 1953
Producer USN *Agency No* MN07894C
Title No 150857 *Sale* $37.25
Explains the causes of the vertical air currents in the atmosphere and their relationship to changes in the weather.

ATMOSPHERIC STABILITY AND INSTABILITY - ADIABATIC PROCESS
14 min, 16mm film, optical sd, col 1953
Producer USN *Agency No* MN07894B
Title No 150850 *Sale* $87.75
Explains the adiabatic process by showing what happens when a parcel of dry or moist air is raised or lowered by convection, the relationship of temperature and saturation at different altitudes, and the plotting of temperature and moisture content on the adiabatic chart. Gives a detailed description of orographic lifting.
CLEARED FOR TV.

ATOM AND THE MAN ON THE MOON, THE
13 min, 16mm film, optical sd, col 1969
Producer USAEC
Title No 004139 *Sale* $46.50
Describes the SNAP-27's role in the Apollo program. SNAP-27 is a highly reliable, radioisotope-fueled thermoelectric generator, that will supply power for a small scientific laboratory to be installed on the lunar surface. Discusses the type of lunar surface information the radioisotope-powered laboratory will send back to Earth.

ATOM STRIKES, THE
31 min, 16mm film, optical sd, b&w 1946
Producer USA *Agency No.* MF05-1235
Title No. 001434 *Sale* $53.50
Gives an account of the first experimental atomic bomb blast in New Mexico, aerial views of Hiroshima and Nagasaki bombings, and close-up shots of devasted areas.

ATOM, THE - YEAR OF PURPOSE
29 min, 16mm film, optical sd, col 1969
Producer USAEC
Title No. 151654 *Sale* $125.00
Describes 17 major developments in the peaceful uses of the atom.

ATOMIC POWER TODAY - SERVICE WITH SAFETY
15 min, 16mm film, optical sd, col 1967
Producer USAEC
Title No. 001459 *Sale* $56.75
Explains the growing need for electricity and contrasts conventional methods of generating electricity with nuclear technology. Pictures how a nuclear power plant is designed, built, and operated for safe, dependable service. Points out the Atomic Energy Commission's regulatory and licensing procedures in regard to nuclear plants.

OTHER FORMAT(S) or VERSION(S)
29 min, 16mm film, optical sd, col 1966
Producer USAEC
Title No. 001433 *Sale* $97.75

ATOMIC REVOLUTION IN WOOD
23 min, 16mm film, optical sd, col 1969
Producer USAEC
Title No. 153111 *Sale* $63.00
Tells the story of an important peaceful application of atomic energy--the fusing of wood and plastic by irradiation into a combination-substance which has all the aesthetic appeal of wood, but is improved in hardness, abrasion resistance and durability.

ATOMIC SEARCH, THE
29 min, 16mm film, optical sd, col 1970
Producer USAEC
Title No. 153114 *Sale* $125.00
Shows important contributions to the peaceful uses of nuclear energy such as--nuclear chemistry to investigate the composition of lunar rocks, plutonium to provide heat for the seismometer on the Moon, an isotopic nuclear generator for weather satellites, and the first in a series of tests with dogs of a nuclear-fueled cardiac pacemaker.

ATOMIC TESTS IN NEVADA
25 min, 16mm film, optical sd, col 1955
Producer USAEC
Title No. 001435 *Sale* $105.00
Describes the testing of Atomic weapons at the Atomic Energy Commission's Nevada test site, with emphasis on measures to protect the public.

ATOMIC WEATHERMAN - STRONTIUM-90 ISOTOPIC APPLICATIONS
19 min, 16mm film, optical sd, col 1961
Producer USAEC
Title No. 001436 *Sale* $107.00
Describes the world's first radioisotope-powered weather station, which is operating unattended at a remote site in the Canadian arctic. Explains that the 'atomic' weather station is powered by a thermoelectric unit in which the heat from the decay of SR-90 is directly converted into electricity.

ATOMS FOR PEACE - GENEVA, 1968
15 min, 16mm film, optical sd, b&w 1959
Producer USAEC
Title No. 004673 *Sale:* W/DRAWN
Reports on United States participation in the Second International Conference on the Peaceful Uses of Atomic Energy.

ATOMS FOR PEACE, PT 1, INTRODUCING THE ATOM

20 min, 16mm film, optical sd, b&w 1955
Producer USIA *Agency No.* 05-12168
Title No. 153625 *Rental*: W/DRAWN Sale: W/DRAWN

Provides a basic explanation of atomic energy. Includes animated sequences which show the make-up and functioning of the atom, and formation and control of chain reaction. Depicts the atomic pile at Los Alamos and radioisotope preparation and storage at Oak Ridge.

ATOMS FOR PEACE, PT 2, MEDICINE

20 min, 16mm film, optical sd, b&w 1955
Producer USIA *Agency No.* 05-12168
Title No. 153626 *Rental*: W/DRAWN Sale: W/DRAWN

Concentrates on present and potential uses of atomic materials in diagnosis and treatment of such ills as cancer, hyperthyroidism and arterio-sclerosis. Includes a dramatic sequence of a brain tumor patient.

ATOMS FOR PEACE, PT 3, AGRICULTURE, INDUSTRY AND POWER

20 min, 16mm film, optical sd, b&w 1955
Producer USIA *Agency No.* 05-12168
Title No. 153627 *Rental*: W/DRAWN Sale: W/DRAWN

Covers research in uses of radioactive materials in agriculture, industrial production and power development, showing tangible results and stressing the potential for improving world economic standards.

ATOMS FOR PEACE, PT 4, SCIENTIFIC ADVANCEMENT

20 min, 16mm film, optical sd, b&w 1956
Producer USIA *Agency No.* 05-12168
Title No. 153628 *Rental*: W/DRAWN Sale: W/DRAWN

Deals with atomic electric power, atomic irradiation for food production and preservation, and the use of isotopes in manufacturing, road building, and treatment of cancer and heart disease.

ATOMS FOR PEACE, PT 5, WORKING TOGETHER

20 min, 16mm film, optical sd, b&w 1957
Producer USIA *Agency No.* 05-12168
Title No. 153629 *Rental*: W/DRAWN Sale: W/DRAWN

Tells the story of regional and international cooperation among scientists and governments in the development of peaceful uses of atomic energy.

ATOMS FOR PEACE, PT 6, TRAINING MEN FOR THE ATOMIC AGE

20 min, 16mm film, optical sd, b&w 1957
Producer USIA *Agency No.* 05-12168
Title No. 153630 *Rental*: W/DRAWN Sale: W/DRAWN

Documents training programs in nuclear physics for foreign scientists sponsored by the U S Atomic Energy Commission. Covers activities at University of North Carolina, University of Pennsylvania, Oak Ridge, Tennessee, LA Grange, Illinois and Shippingport, Pennsylvania.

ATOMS FOR PEACE, PT 7, ATOMIC POWER AND THE U S

30 min, 16mm film, optical sd, b&w 1957
Producer USIA *Agency No.* 05-12168
Title No. 153631 *Sale*: W/DRAWN

Describes five types of nuclear reactors designed by U S government laboratories and American industries--ERB-1, SRE, PWR, HRE and EBWR. Points out that benefits of U S research are available to other countries through international agreement.

ATOMS FOR SPACE

28 min, 16mm film, optical sd, col 1962
Producer USAEC
Title No. .004517 *Sale*: W/DRAWN

Describes the development and use of compact nuclear power sources for space under the Commission SNAP program. Features the first use of atomic power in the nation's space effort, and reports briefly on the uses of SNAP devices on land and sea.

ATOMS FOR THE AMERICAS

28 min, 16mm film, optical sd, col 1963
Producer USAEC
Title No. 001437 *Sale* $94.50

Provides a semi-technical study of the Puerto Rico nuclear center, its curriculum and research program. Discusses courses in the fields of biology, chemistry, medicine, nuclear engineering and technology, health physics, agriculture, and marine biology.

ATOMS IN THE MARKETPLACE

28 min, 16mm film, optical sd, col 1968
Producer USAEC
Title No. 001438 *Sale* $94.50

Deals with the economic nature and significance of strategic nuclear materials with their importance to commerce, to our nation and to the nations of the world.

ATOMS ON THE FARM

12 min, 16mm film, optical sd, col 1961
Producer USAEC
Title No. 001439 *Sale*: W/DRAWN

Shows the Atomic Energy Commission exhibit on atomic energy in agriculture at the first world agricultural fair, held in New Delhi during the winter of 19591960. Shows scenes of the research reactor, masterslave manipulator, the gamma pool, the technical information center, and exhibits featuring radioactive tracers in agricultural research, plant mutations by gamma irradiation, Atomic Energy work in medicine, screwworm fly eradication, and food sterilization by irradiation.

ATOMS ON THE MOVE - TRANSPORTATION OF RADIOACTIVE MATERIALS

24 min, 16mm film, optical sd, col 1966
Producer USAEC
Title No. 153660 *Sale* $81.50

Surveys the various means of transporting radioactive materials and the safety aspects underlying their packaging and handling. Shows typical shipments enroute by common carrier. Discusses responsibilities of various federal, state, and local offices.

ATTACHING AND ALIGNING WINGS

20 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 258
Title No. 001974 *Rental* $12.50 Sale $42.25

Describes how to inspect, remove and replace a damaged wing. Demonstrates how to attach a new wing, level the airplane and align the wing and inspect the finished job.
From the *AIRCRAFT WORK* series.

OTHER FORMAT(S) or VERSION(S)

45 fr, 35mm filmstrip, silent, b&w 1944
Producer USOE *Agency No.* OE 258-FS
Title No. 001975 *Sale* $1.50

ATTACK CARRIER - TASK FORCE 1 - SEA ORBIT

29 min, 16mm film, optical sd, col 1969
Producer USN *Agency No.* MN10164
Title No. 153829 *Sale* $115.50

An historical review covering the development of the aircraft carrier from the USS Langley to the USS Enterprise.

* **AUDIO AID ON OSHA RECORDKEEPING, AN**

18 min, audiotape cassette, 2-track, monaural 1972
Producer USOSHA
Title No. 001996 *Sale* $5.00

Discusses the Occupational Safety and Health Act itself. Then, using the sample forms as a guide, moves to a detailed explanation of how to recognize and record work-related injuries and illnesses. Bls Report No. 412, 'a Collection of Answers to CommonlyAsked Questions About OSHA Recordkeeping', is included as a handy reference guide to answer additional questions. Includes Recordkeeping requirements booklets, and three OSHA forms.

AUDIO AMPLIFIERS
28 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-415
Title No. 154100 *Sale* $58.50
Shows how a schematic diagram of a single-ended audio amplifier is drawn. Demonstrates three methods of connecting audio amplifiers in cascade. Based on some symptoms of malfunctions, gives a list of possible troubles, with an analysis of how to locate the trouble. Explains why phase inversion occurs in grounded cathode amplifiers. (Kinescope)

AUDIO AMPLIFIERS PRINCIPLES, PT 1
21 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-327A
Title No. 154095 *Sale* $44.50
Illustrates a schematic of an audio amplifier and identifies the biasing components. Traces the current flow through the circuit and compares the phase relationship between the input and output signals. Shows how to calculate the gain of a single stage audio amplifier and gives the effects that different values of components have on gain. (Kinescope)

AUDIO AMPLIFIERS PRINCIPLES, PT 2
12 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-327B
Title No. 154097 *Sale* $26.75
Discusses and presents examples of various types of coupling used with audio amplifiers in cascade configuration. Explains the procedures for calculating power gain of a two stage amplifier. Lists symptoms of malfunctions which may occur in an audio amplifier circuit. Identifies and traces the most likely trouble for each on a schematic diagram. (Kinescope)

***AUDIO FREQUENCY AMPLIFICATION**
25 fr, 35mm filmstrip, silent, b&w 1942
Producer USN *Agency No.* SN00652
Title No. 154109 *Sale* $1.50
Presents the theory and practice of audio amplification.

AUDIO OSCILLATOR OPERATION
9 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No.* MN 1540R
Title No. 154150 *Sale* $15.75
Explains the operation and use of audio oscillators and shows how to check an amplifier with the audio oscillator and 'A' scope.

AUDITORY ASSESSMENT
26 min, 16mm film, optical sd, col 1970
Producer USBEH
Title No. 154601 *Sale* $139.25
Exhibits techniques of identification and paedo-audiometry currently seen in Denmark, Sweden, England and the Netherlands. This film was designed to be shown sequentially, following 'Developmental Auditory Response Patterns' and preceding 'The Developing AudioVocal System.'
From the *INTERNATIONAL EDUCATION OF THE HEARING Impaired Child Series.*

***AUDITORY FEEDBACK**
2 min, s8mm cartridge, optical sd, col
Producer USBEH
Title No. 003376 *Sale* $24.25
Sold only in a cartridge with multi-sensory input feedback and self monitoring practice. Presents short insights into home and school education of the profound hearing impaired.

***AUDITORY TRAINING DISCRIMINATION**
2 min, s8mm cartridge, optical sd, col
Producer USBEH
Title No. 003377 *Sale* $26.50
Sold only in a cartridge with auditory training rhythm, microphone techniques, and teacher talks to me. Presents short insights into home and school education of the profound hearing impaired.

***AUDITORY TRAINING RHYTHM**
2 min, s8mm cartridge, optical sd, col
Producer USBEH
Title No. 003378 *Sale* $26.50
Sold only in a cartridge with auditory training discrimination, microphone techniques and teacher talks to me. Presents short insights into home and school education of the profound hearing impaired.

AUSTRALORBIS GLABRATUS, VECTOR OF SCHISTOSOMA MANSONI
3 min, 16mm film, silent, b&w 1947
Producer USNMAC *Agency No.* 4-066
Title No. 155475 *Sale* $6.25
Illustrates through aquarium scenes the life cycle of australorbis glabratus, the planorbid snail which is the intermediate host and principal transmitting species in tropical America of schistosoma mansoni.

***AUTOMATIC TELEPHONE CENTRAL OFFICES, PT 1, STRONGER-TYPE SWITCHING SYSTEMS**
26 min, 16mm film, optical sd, b&w 1961
Producer USA *Agency No.* TF-11-3089
Title No. 001997 *Sale* $54.50
Construction, capabilities, and operation of the 100, 1,000, and 10,000 line systems-basic call pattern and line and equipment-busy situations, associated dial office equipment.

***AUTOMATIC TELEPHONE CENTRAL OFFICES, PT 2, XY SWITCHING SYSTEMS**
30 min, 16mm film, optical sd, b&w 1961
Producer USA *Agency No.* TF-11-3090
Title No. 001998 *Sale* $62.50
Shows organization, components, and operation of 1,000 and 10,000 line xy switching systems-call completion, line-busy, connectors-busy, and linefinders.

AUTOMATIC VOICE NETWORK - AUTOVON
20 min, 16mm film, optical sd, b&w 1964
Producer USA *Agency No.* MF11-5177
Title No. 155555 *Sale* $42.50
Describes the features, capability and operation of the Automatic Voice Network (AUTOVON) in the defense communication system.
CLEARED FOR TV.

***AUTOMATION IN CLINICAL CHEMISTRY, PT 1, HOW IT WORKS**
20 min, 16mm film, optical sd, col 1962
Producer USN *Agency No.* FTA-6-61
Title No. 003720 *Sale* $85.75
Explains how the autoanalyzer measures and compares on a moving graph the concentration of a given substance in a test solution against a known concentration of the same substance in a standard control solution.

***AUTOMATION IN CLINICAL CHEMISTRY, PT 2, ASSEMBLY AND OPERATION OF EQUIPMENT**
35 min, 16mm film, optical sd, col 1962
Producer USN *Agency No.* FTA-7-61
Title No. 003721 *Sale* $145.00
Offers some practical details of setting up the autoanalyzer and running it.

AUTOMOBILE ELECTRICITY FOR MILITARY VEHICLES, PT 2, PRINCIPLES OF OPERATION OF THE GENERATOR
13 min, 16mm film, optical sd, b&w 1957
Producer USA *Agency No.* TF09-2330
Title No. 155880 *Sale* $23.75
Explains the design and operation of the automotive generator. Describes its conversion of electrical energy to feed the ignition and accessory systems and to charge the battery, the relationship between electricity and magnetism, and the construction of a rudimentary generator, including the purpose and operation of segments, brushes, pole pieces and field windings.

AUTOMOBILE TIRE HYDROPLANING - WHAT HAPPENS
12 min, 16mm film, optical sd, col 1967
Producer USNASA *Agency No.* HQ 162
Title No. 155899 *Rental* $7.50 Sale $54.25
Shows how and why automobile tires lose contact with wet pavements and the relationship between speed, tire wear, and water depth. The dangers of hydroplaning are emphasized. Produced jointly with the Bureau of Public Roads.
CLEARED FOR TV.

AUTOMOTIVE ELECTRICITY FOR MILITARY VEHICLES, PT 3, PRINCIPLES OF THE STARTING MOTOR
12 min, 16mm film, optical sd, b&w 1957
Producer USA *Agency No.* TF 9-2331
Title No. 001441 *Sale* $22.25
Shows electrical and magnetic principles involved in the operation of the starting motor. Tells how electrical energy is converted to mechanical energy.

AUTOMOTIVE ELECTRICITY FOR MILITARY VEHICLES, PT 4, THE IGNITION CIRCUIT
11 min, 16mm film, optical sd, b&w 1957
Producer USA *Agency No.* TF 9-2332
Title No. 001440 *Sale* $22.50
Defines the purpose and operation of the ignition circuit and describes how each component functions. Combining actual operation with animation, traces the course of electrical current through the components of the ignition system-battery, ignition coil, distributor, breaker points, condenser, rotor, terminals, and spark plugs-and emphasizes the relation of the primary circuit, secondary circuit, and magnetic field to voltage intensity.

AUTOMOTIVE TROUBLE SHOOTING, PT 2, ENGINE TUNE-UP
33 min, 16mm film, optical sd, b&w 1956
Producer USA *Agency No.* TF09-2194
Title No. 155961 *Sale* $56.75
Explains the procedures and techniques employed in engine tune-up of wheeled vehicles. Includes manifold vacuum and compression tests, battery and ignition cable checks, spark plug check, distributor and ignition timing check, battery clearance, manifold and heat control valve check, fuel system test, carburetor check, and idling speed and mixture adjustments.

***AVALANCHE CONTROL**
38 min, 16mm film, optical sd, col 1965
Producer USDA *Agency No.* 5334
Title No. 003922 *Sale* $198.00
Shows the work of prediction and control of avalanches, conducted at the Alta, Utah, control center. It graphically shows the accomplishment of the Forest Service Snow Rangers.

AWAY BOARDERS
22 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No.* MN09031
Title No. 156875 *Sale* $38.50
Presents the story of the U S S Guadalcanal and the capture of the first German submarine in World War II by the commanding officer of that ship.

***B-58 BOMBING/NAVIGATION SYSTEM, PT 2, COMPUTERS**
29 min, 16mm film, optical sd, col 1960
Producer USAF *Agency No.* TF1-5359B
Title No. 002917 *Rental* $12.50
Outlines and illustrates functions of computer equipment in B-58 aircraft. Explains sources of heading information. Includes free gyro, astro-tracking, flux valve and navigation unit. Also covers Doppler velocity, inertial velocity and Doppler malfuntions. Flow of information from sources to the panel is also explained.

***BACK THE ATTACK ON BRUCELLOSIS**
28 min, 16mm film, optical sd, col 1958
Producer USDA *Agency No.* 1320
Title No. 157825 *Sale* $136.00
Shows how one farmer discovered brucellosis in his herd of cattle, the action that followed and the organization and functioning of a county brucellosis committee. Reviews damage caused by this easily spread disease, its symptoms and plans for its control and eventual eradication. Portrays use of the brucellosis ring test for locating infected herds.

***BACKGROUND TO BERLIN**
30 min, 16mm film, optical sd, b&w 1963
Producer NATO
Title No. 158000 *Sale* $61.25
Presents the story of Berlin from the end of World War II to the building of the Berlin wall. Traces the origin of Allied rights to Berlin, shows how the city came to be divided, and considers the problem of Berlin in the light of the whole question of German reunification. Explains briefly how the 15 NATO countries have come to be associated with these problems.

***BAD TRIP, THE**
22 min, audiotape cassette, 2-track, monaural 1972
Producer USNIMH
Title No. 001999
Available only as part of a series. A veteran clinic worker and community oranizer offers a practical discussion of various approaches to the treatment of young people on 'bummers' - whether the result of drug use or of general psychological stresses.
From the *PROFESSIONAL DRUG TAPE* series.

BAILING OUT
9 min, 16mm film, optical sd, col 1950
Producer USN *Agency No.* MN04353R
Title No. 158805 *Sale* $31.00
Illustrates through cartoons how naval aviators should bail out of aircraft.

BALANCED MODULATOR AND CRYSTAL FILTERS
40 min, 16mm film, optical sd, b&w 1965
Producer USAF *Agency No.* TVK 30-612
Title No. 159400 *Sale* $82.25
Gives the requirements for single sideband transmission, a detailed analysis on how the carrier frequency is eliminated in the balanced modulator and how one sideband is eliminated in the crystal filter. Shows a block diagram of a single sideband transmitter, emphasizing the location and function of the balanced modulator. (Kinescope)

BALLISTIC MISSILE TRAJECTORIES
13 min, 16mm film, optical sd, col 1959
Producer USAF *Agency No.* TF01-5291
Title No. 160050 *Sale* $45.25
Shows the complexity in computing missile trajectories and discusses some of the factors to be considered, such as Earth's rotation, coriolis force, and variation of linear velocity.
CLEARED FOR TV.

BALLOTS THAT FLY
10 min, 16mm film, optical sd, b&w 1964
Producer USDOD *Agency No.* AFIF 0129
Title No. 160200 *Sale* $21.00
Provides information on how service personnel can apply for an absentee ballot, process the application, and mark and mail the ballot.

BANDAGING FOR HOSPITAL CORPSMEN
24 min, 16mm film, silent, b&w 1953
Producer USN *Agency No.* MN09319AQ
Title No. 160460 *Sale* $42.25
Seventeen loop films 50 to 00 seconds in length, demonstrate the proper application of various bandages such as head, chest, back, shoulder, ankle, jaw, hip, finger, hand, eyes.
CLEARED FOR TV.

BAR WORK - MAGNESIUM, PT 1, SETTING UP BAR MECHANISM AND ROLLER TURNER
18 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 216
Title No. 160750 *Rental* $7.50 Sale $32.00
Tells how to make a rough sizing cut for the roller turner, set the tool in the roller turner for a finish size, set the automatic stops, and control chip condition.

From the *MACHINE SHOP WORK* series. Operations on the Turret Lathe, No. 5

BAR WORK - MAGNESIUM, PT 2, SETTING UP MULTIPLE ROLLER TURNER AND TURNING A TAPER

17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 217
Title No. 160751 *Rental* $7.50 Sale $30.50
Illustrates how to set up a multiple roller turner, center-drill the work so it can be supported with a center, and set up and operate a carriage taper attachment.
From the *MACHINE SHOP WORK* series. Operations on the Turret Lathe, No. 6

BAR WORK - MAGNESIUM, PT 3, NECKING AND THREADING BY USE OF AATTACHMENT AND BY DIE H

23 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 218
Title No. 160752 *Rental* $10.00 Sale $40.50
Shows how to set necking and chamfering tools, how to set and cut three-fourth inch, ten-pitch thread with a tangent die head and how to cut the finished piece.
From the *MACHINE SHOP WORK* series. Operations on the Turrent Lathe, No. 7

BARS, PUNCHES AND DRIFTS

15 min, 16mm film, optical sd, b&w 1943
Producer USA *Agency No.* TF09-2030
Title No. 161100 *Sale* $27.00
Explains the specific purposes, correct uses, and common misuses of bars, punches and drifts.
From the *CARE AND USE OF HAND TOOLS* series. No. 5

BASE PROCUREMENT

22 min, 16mm film, optical sd, b&w 1958
Producer USAF *Agency No.* TF01-5224
Title No. 161315 *Sale* $38.50
Describes the functions of a base procurement office, and explains the forms and procedures for obtaining needed supplies through this office and how contracts are negotiated with civilian firms.

BASIC AUTOPSY PROCEDURE

51 min, 16mm film, optical sd, col 1961
Producer USA *Agency No.* PMF 5339
Title No. 161419 *Sale* $172.50
Describes the purpose, technique and advantages of the basic autopsy procedure. Explains the preliminary steps taken by the pathologist and the legal requirements for performing an autopsy, demonstrates each step in the basic autopsy procedure, and shows how the pathologist's autopsy notes and finds are presented for review by the medical board.

BASIC CAMERA, THE

15 min, 16mm film, optical sd, b&w 1948
Producer USN *Agency No.* MN05383
Title No. 161450 *Sale* $27.00
Describes the types and construction of still-picture cameras. Explains the importance of such sensitive parts as the lens and lens shutters. Provides a brief history of cameras.
From the *FUNDAMENTALS OF PHOTOGRAPHY* series.

BASIC CARE OF PATIENTS, PT 1, CLEANING THE PATIENT'S UNIT AND MAKING AN UNOCCUPIED BED

15 min, 16mm film, optical sd, b&w 1957
Producer USA *Agency No.* TF08-2471
Title No. 161458 *Sale* $27.00
Shows stripping bed of soiled linen-cleaning bed, chair, and bedside cabinet-making bed with clean linen-final straightening of the unit.

BASIC CARE OF PATIENTS, PT 2, THE BED BATH

22 min, 16mm film, optical sd, b&w 1964
Producer USA *Agency No.* TF08-3387
Title No. 161457 *Sale* $38.50
Value of bed bath for patient, equipment and preparation for bath. Shows steps in giving the bath, and after bath care.

BASIC CARE OF PATIENTS, PT 3, MAKING AN OCCUPIED BED

17 min, 16mm film, optical sd, b&w 1957
Producer USA *Agency No.* TF08-2473
Title No. 161460 *Sale* $30.50
Shows positioning the patient-sequence and technique for removing foundation linen, draw sheets, top sheets and pillow cases and replacing them with clean counterparts.

BASIC CARE OF PATIENTS, PT 4, PHYSICAL COMFORTS

11 min, 16mm film, optical sd, b&w 1957
Producer USA *Agency No.* TF08-2474
Title No. 161461 *Sale* $19.25
Shows mouth care of conscious and unconscious patients and changing position of patients in bed using helpful appliances.

BASIC CARE OF PATIENTS, PT 5, FEEDING THE PATIENT

8 min, 16mm film, optical sd, b&w 1957
Producer USA *Agency No.* TF08-2475
Title No. 161464 *Sale* $14.25
Shows how corpsman prepares patient for meals, serves trays, assists semi-helpless and postoperative patients, and feeds helpless patients.

BASIC CARE OF PATIENTS, PT 6, THE ENEMA

10 min, 16mm film, optical sd, b&w 1957
Producer USA *Agency No.* TF08-2476
Title No. 161463 *Sale* $17.50
Depicts the proper way to administer a cleansing enema, the preparation of equipment and solution, preparation of the patient, administration of the enema, after-care of the patient and equipment, and the observation of results.

BASIC CARE OF PATIENTS, PT 7, STERILE TECHNIQUE

13 min, 16mm film, optical sd, b&w 1957
Producer USA *Agency No.* TF08-2477
Title No. 161462 *Sale* $23.75
Shows sterlizing equipment with moist heat, dry heat, and chemicals-handling sterile equipment-care of equipment when not in use-keeping area being treated sterile.

BASIC CARE OF PATIENTS, PT 8, PREOPERATIVE CARE

9 min, 16mm film, optical sd, b&w 1957
Producer USA *Agency No.* TF08-2478
Title No. 161465 *Sale* $15.75
Shows mental and physical care given the patient before surgery,duties of each member of the medical team, and stresses importance of allaying patient's fears.

BASIC CARE OF PATIENTS, PT 9, POSTOPERATIVE CARE

12 min, 16mm film, optical sd, b&w 1957
Producer USA *Agency No.* TF08-2479
Title No. 161466 *Sale* $22.50
Shows preparation of bed and unit, transfer of unconscious patient to his bed, and care during unconscious state and as he regains consciousness.

BASIC CIRCUIT SYMBOLS AND COMPONENTS

32 min, 16mm film, optical sd, b&w 1965
Producer USAF *Agency No.* TVK 30-110A
Title No. 161490 *Sale* $66.50
Describes and illustrates the three requirements for a practical electrical circuit. Shows a schematic diagram of a simple circuit with symbols used to represent the electrical components and measuring instruments. Explains what electrical ground is and how it is used. Gives the function of a fuse and switch in a circuit. Gives the use, symbol and description of various electrical measuring instruments. Finally, shows examples of circuit schematic diagrams, each containing different combinations of components which can be used. (Kinescope)

BASIC CIRCUIT SYMBOLS AND COMPONENTS BATTERY CIRCUITS

23 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-110B
Title No. 161492 *Sale* $48.75
Demonstrates the method of connecting batteries in series to obtain an increase in voltage. Explains why the voltage is increased and shows how to calculate the amount of voltage.

Then describes how to connect batteries in parallel to obtain an increase in current, why current is increased, and how to calculate the amount of current. Shows the method of connecting batteries in combinations of series-parallel. Illustrates schematic representations of each combination, and explains the method of calculating the total voltage and current for each combination. (Kinescope)

BASIC DC METER MOVEMENT
3 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No* MN08016E
Title No 161500 *Sale* $6.75
Shows a representative meter, describes its essential components, and explains its functions.

BASIC ELECTRICITY
19 min, 16mm film, optical sd, col 1948
Producer USAF *Agency No* TF01-4144
Title No 161550 *Sale* $65.00
An animated cartoon explaining such terms as voltage, current resistance, voltage drop, direct and alternating current, magnetic fields, induction, series and parallel circuits.

BASIC ELECTRICITY - AC PARALLEL CIRCUITS
4 min, 16mm film, optical sd, b&w 1958
Producer USN *Agency No* MN08018D
Title No 161580 *Rental* $5.00 *Sale* $11.50
Shows the elements of an AC parallel circuit, examines the effects of current, and shows what the generator sees in the following circuits, where XL exceeds XC, XC exceeds XL, and XC and XL are equal.

BASIC ELECTRICITY - AC SERIES CIRCUITS
5 min, 16mm film, optical sd, b&w 1958
Producer USN *Agency No* MN8018C
Title No 161570 *Sale* $9.75
Shows the elements of an AC series circuit. Demonstrates, by sine waves and circuits, the effects upon and phase relationships between current and voltage. Using an LACR circuit, examines the effects of voltage and shows what the generator sees when XL exceeds XC and when XC exceeds XL. Demonstrates also a series resonant circuit using a LCR circuit where XC and XL are equal.

BASIC ELECTRICITY - CAPACITANCE IN AC CIRCUITS
5 min, 16mm film, optical sd, b&w 1958
Producer USN *Agency No* MN08018B
Title No 161560 *Sale* $12.25
Defines capacitance and demonstrates how a capacitor works, explains capacitive reactance and its effects in an AC circuit, the factors that affect capacitive reactance, and the effect of capacitance in an AC circuit.

BASIC ELECTRICITY - INDUCTANCE IN AC CIRCUITS
7 min, 16mm film, optical sd, b&w 1959
Producer USN *Agency No* MN08018A
Title No 161555 *Sale* $12.50
Defines inductance and explains its cause and effect in an AC circuit. Illustrates inductive reactance, the factors that affect inductive reactance in an AC circuit, and the phase relationship between current and voltages as a result of the presence of inductance in the circuit.

BASIC EPIDEMIOLOGIC AND CLINICOPATHOLOGIC ASPECTS OF MALARIA
30 min, 16mm film, optical sd, b&w 1968
Producer USNMAC *Agency No* T-1498
Title No 161770 *Sale* $62.50
Presents human malaria parasites and their geographic distribution. The history and derivation of malaria is also given, and the life cycle illustrated in detail. Signs and symptoms are discussed as well as complications, diagnosis and management. (Kinescope)
From the *CLINICAL PATHOLOGY* series.

BASIC HELICOPTER FLIGHT PRINCIPLES
15 min, 16mm film, optical sd, b&w 1956
Producer USA *Agency No* TF46-2209
Title No 161800 *Sale* $27.00
Explains through animation and live photography, the basic aerodynamic principles applied to helicopter flight including lift, thrust, drag, weight, velocity of airflow over airfoil, collective pitch, dissymmetry of lift, coning and coning angle, flapping and flapping angle, gyroscopic procession laws, and torque.

BASIC HYDRAULIC GOVERNOR
17 min, 16mm film, optical sd, b&w 1968
Producer USN *Agency No* MN02598A
Title No 161822 *Sale* $30.50
Depicts, by schematic animation, the function of Marquette hydraulic governor, including--basic construction, and operation of principal parts of the hydraulic system. Schematic animation.

BASIC LAYOUT TOOLS, PT 2
7 min, 16mm film, optical sd, b&w
Producer USN *Agency No* MN07831B
Title No 161820 *Sale* $12.50
Stresses the care and accurate use of metalworking layout tools on template paper and sheet metal.

BASIC MAP READING-PART 1-MAP SYMBOLS
20 min, 16mm film, optical sd, col 1967
Producer USA *Agency No* TF05-3718
Title No 161837 *Sale* $68.25
Serves as a preface to basic map reading, defines the importance of the military to the soldier and basic symbols found on maps.

BASIC MAP READING, PT 2, GRID, DISTANCE AND ELEVATION
29 min, 16mm film, optical sd, col 1967
Producer USA *Agency No* TF05-3719
Title No 161838 *Sale* $97.75
Explains the use of the military grid in determining locations or reference points on a military map, the measurement of ground distance on the map, and the use of contour lines to depict elevation and topographic features.

BASIC MAP READING, PT 3, DIRECTION, ORIENTATION, AND LOCATION WITHOUT A COMPASS
30 min, 16mm film, optical sd, col 1967
Producer USA *Agency No* TF05-3720
Title No 161839 *Sale* $101.00
Explains the orientation of a map, and finding direction and location without the use of a compass.

BASIC MAP READING, PT 4, DIRECTION, ORIENTATION, AND LOCATION WITH A COMPASS
30 min, 16mm film, optical sd, col 1967
Producer USA *Agency No* TF05-3721
Title No 161400 *Sale* $101.00
Explains how to orient a military map and find direction and location with a compass.

BASIC MAP READING, PT 5, PHOTOS AND PHOTOMAPS
31 min, 16mm film, optical sd, b&w 1967
Producer USA *Agency No* TF05-3722
Title No 161841 *Sale* $53.50
Teaches the soldier how to use an aerial photograph or photomap as a supplement to or substitute for the military map.

BASIC PRINCIPLES OF POWER REACTORS
9 min, 16mm film, optical sd, col 1962
Producer USAEC
Title No 001446 *Sale* $62.50
Discusses through animation nuclearpower reactors and how they produce steam for the generation of electricity. Describes fission, controlled chain reactor components. Shows core, reactor vessel, shielding, moderators, coolants, and control rods.

BASIC PRINCIPLES OF THE ANALYTICAL BALANCE
19 min, 16mm film, optical sd, b&w 1951
Producer USPHS *Agency No* M-0012
Title No 000359 *Sale* $33.75
Explains the use of the analytical balance and shows how to find the zero point of the balance, find its sensitivity, calibrate the weights, weigh an object, and weigh out a predetermined amount of material.

• BASIC RADIO PROCEDURES FOR PILOTS
30 min, 16mm film, optical sd, col 1970
Producer USFAA *Agency No.* FA-902
Title No. 002000 *Sale* $87.25
Designed to familiarize private pilots, and particularly novices, with proper radio flight service stations and airport traffic control towers.

BASIC TELEPHONY
23 min, 16mm film, optical sd, b&w 1961
Producer USA *Agency No.* TF11-3116
Title No. 162625 *Sale* $40.50
Diagrams, and the four circuits--transmitter, receiver and generator and ringer.

BASIC TERMINOLOGY FOR REHABILITATION APPLIANCES
6 min, 16mm film, optical sd, col 1966
Producer USPHS *Agency No.* M-1337
Title No. 162630 *Sale* $21.25
Defines and illustrates through micro simulation methodology the basic terminology for rehabilitation appliance. Prepared for the training of aides and helpers with no medical background.

BASIC TURBINE THEORY
12 min, 16mm film, optical sd, col 1969
Producer USN *Agency No.* MN10649
Title No. 162695 *Sale* $50.50
Traces the development of the turbine engine from steam power to the jet turbine.

BASIC WHEELCHAIR FEATURES AND HANDLING
8 min, 16mm film, optical sd, col 1965
Producer USPHS *Agency No.* M-0912
Title No. 163050 *Sale* $27.75
Describes the basic features which are needed in a wheelchair that is generally suitable for a person who can stand when getting into and out of the chair.

BATHING THE PATIENT - HOME CARE
24 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 403
Title No. 001442 *Sale* $42.25
Procedures for bathing a patient in the home - equipment and supplies - methods of bathing-including draping, soaping, rinsing, and drying of each body part - techniques of oral hygiene, massaging, and shaving.

BATHYMETRY - DISCOVERING THE OCEAN FLOOR CHARTING THE OCEAN BOTTOM
16 min, 16mm film, optical sd, col 1970
Producer USN *Agency No.* MN10408
Title No. 163804 *Sale* $66.00
Shows the procedures for taking and submitting bathymetric reports and reasons for increasing the quality of these reports.

BATTERED CHILD, THE, PT 1
27 min, 16mm film, optical sd, b&w 1970
Producer USNMAC *Agency No.* T-1899A
Title No. 164101 *Sale* $56.50
Discusses patterns of injuries common to the battered child syndrome and the interpretation of these patterns. Shows the external symptoms or signs, and cases with no external symptoms but with extensive internal damage which is obvious at autopsy. (Kinescope)
From the *CLINICAL PATHOLOGY* series. Forensic Medicine Outlines.
RESTRICTED TO PROFESSIONAL AUDIENCES--RESIDENTS, OTHER MEDICAL PROFESSIONAL PERSONNEL, AND RESEARCH AND SOCIAL WORKERS IN THE FIELD OF MEDICINE. CLEARED FOR USE ON EDUCATIONAL CLOSED-CIRCUIT TELEVISION ONLY.

BATTERED CHILD, THE, PT 2
26 min, 16mm film, optical sd, b&w 1970
Producer USNMAC *Agency No.* T-1899A
Title No. 164103 *Sale* $54.75
Discusses patterns of injuries common to the battered child syndrome and the interpretation of these patterns. Shows the external symptoms or signs, and cases with no external symptoms but with extensive internal damage which is obvious at autopsy. (Kinescope)
From the *CLINICAL PATHOLOGY* series. Forensic Medicine Outlines.
RESTRICTED TO PROFESSIONAL AUDIENCES--RESIDENTS, OTHER MEDICAL PROFESSIONAL PERSONNEL, AND RESEARCH AND SOCIAL WORKERS IN THE FIELD OF MEDICINE. CLEARED FOR USE ON EDUCATIONAL CLOSED-CIRCUIT TELEVISION ONLY.

BATTERY, IGNITION AND ELECTRICAL SYSTEM, THE
26 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 462
Title No. 164[illegible] *Rental* $10.00 Sale $45.50
Shows how to check and service the battery and check the starting motor, generator, lighting circuit, electrical instruments and ignition.
From the *AUTOMOTIVE OPERATION AND MAINTENANCE* series. Preventive Maintenance, No. 2

BATTLE GLORY
17 min, 16mm film, optical sd, col 1962
Producer USA *Agency No.* TF21-3144
Title No. 146420 *Sale* $58.50
Recounts the Army's historic past as represented by the 145 battle streamers on the Army flag-from the Revolutionary War to the Korean war.

BATTLE OF BRITAIN, THE
55 min, 16mm film, optical sd, b&w 1943
Producer USWD *Agency No.* OF 04
Title No. 164450 *Rental* $15.00 Sale $115.00
Presents the story of the year during which Britain stood alone against the Axis. Tells how the Nazi Air Force smashed at her cities and how she fought back, finally stopping Hitler.
From the *WHY WE FIGHT* series.
CLEARED FOR CLOSED CIRCUIT TELEVISION ONLY.

BATTLE OF CHINA, THE
67 min, 16mm film, optical sd, b&w 1944
Producer USWD
Title No. 164463 *Rental* $17.50 Sale $139.50
Depicts Japanese aggression against China during World War II and describes Japanese plans for World conquest. Describes Chinese development of the compass, printing, astronomy, gunpowder, and porcelain.
From the *WHY WE FIGHT* series.
CLEARED FOR CLOSED CIRCUIT TELEVISION ONLY.

BATTLE OF SAN PIETRO, THE
32 min, 16mm film, optical sd, b&w 1945
Producer USA *Agency No.* CR 002
Title No. 164500 *Rental* $12.50 Sale $56.75
Gives a close-up of modern warfare from the soldier's point of view. Stresses the number of men killed in taking one military objective. Shows the people and children of San Pietro, during World War II, too stunned to realize they have been liberated.

BATTLE OF THE LEYTE, THE
26 min, 16mm film, optical sd, b&w 1951
Producer USA *Agency No.* CHR-A-011
Title No. 164467 *Sale:* W/DRAWN
Reviews the battle of Leyte Island during October-December, 1944. Contains scenes of actions of the 10th And 24th corps of the Sixth U S Army and of the U S 3rd and 7th Fleets.

BATTLE, THE
14 min, 16mm film, optical sd, col 1965
Producer USN *Agency No.* MH10278C
Title No. 164710 *Sale* $60.00
Shows combat footage centered primarily around operation Piranha, carried out against the Viet Cong stronghold. Describes planning and execution of the operation. Shows Marine exercising across-the-beach landing techniques, Marines close air support, naval gun fire support and artillery. Employment of helicopters illustrates vertical assault techniques. Shows capture of Viet Cong prisoners, patrol action and treatment of wounded Marines.

BE WATER WISE - BOATING
21 min, 16mm film, optical sd, col 1960
Producer USAF *Agency No.* TF01-5192B
Title No. 164900 *Sale* $71.50
Depicts safe methods for canoeing, outboard motorboating, sailing, and skiing. Discusses marine traffic regulations, emergency measures, and courtesy codes.

BE WATER WISE - SWIMMING
25 min, 16mm film, optical sd, col 1960
Producer USAF *Agency No.* TF01-5192A
Title No. 149905 *Sale* $84.75
Shows how to enjoy safe swimming whether in the pool, surf, lake or the 'ole' swimming hole. Points out consequences when safety rules are ignored. As scene shifts from controlled swimming facilities to unsupervised lakes and streams, a ground safety officer discusses the five basic principles of safe swimming.

BEACH INTELLIGENCE - SHORELINE PROCESSES
26 min, 16mm film, optical sd, b&w 1957
Producer USN *Agency No.* FN08110B
Title No. 165210 *Sale* $54.75
Explains how currents, winds and waves change beach profiles.

BEACH INTELLIGENCE - WAVES, BREAKERS, AND SURF
20 min, 16mm film, optical sd, b&w 1957
Producer USN *Agency No.* FN08110A
Title No. 165213 *Sale* $42.50
Explains wave forms, equations involved, period, velocity and wave lengths. Shows how waves are formed in the fetch area, how they travel through decay, how refractions take place in shoal waters, and breakers on the beach.

BEACHHEAD - ANZIO
29 min, 16mm film, optical sd, b&w 1962
Producer USA *Agency No.* TV 579
Title No. 165251 *Sale* $59.50
Shows establishment of Anzio beachhead during World War II.
From the *BIG PICTURE* series.
CLEARED FOR TV.

• **BEACON IN THE MARKET PLACE**
11 min, 16mm film, optical sd, col 1965
Producer USDA *Agency No.* 5068
Title No. 003923 *Sale* $53.00
Shows how modern market news is gathered and disseminated. It also shows the important role market news plays in our efficient market system.

BEANS, BULLETS AND BLACK OIL
29 min, 16mm film, optical sd, col 1968
Producer USN *Agency No.* MN10490
Title No. 165262 *Sale* $117.50
Shows replenishment-at-sea in the Gulf of Tonkin, Navy's system of supplying ships at sea, and vertical replenishment by helicopter.

BEARING DISASSEMBLY AND INSPECTION
14 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN02364C
Title No. 000360 *Sale* $25.50
Demonstrates how to disassemble main bearings, inspect, take readings on the bearing shell, and use care in handling parts.

BEARING REASSEMBLY
11 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN02364D
Title No. 000361 *Sale* $19.25
Demonstrates how to roll the bearing shell back into place. Tells how to install cap, wedge blocks, and wedge shoe and connect the lube oil line.

BEARING REMOVAL AND INSPECTION, 8-268A ENGINE
17 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN00209D
Title No. 000362 *Sale* $30.50
Demonstrates how to disassemble the main bearing. Tells how to inspect, clean, and replace bearing shells and reassemble the bearing.
From the *PROGRESSIVE MAINTENANCE DIESEL PROPULSION Engine Series.*

BEARINGS
9 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No.* MN03708C
Title No. 165446 *Sale* $15.75
Tells how to remove, inspect, and install main bearing cap, lower bearing shell, and upper bearing shells.
From the *PROGRESSIVE MAINTENANCE ON THE GENERAL MOTORS 12-567A DIESEL ENGINE* Series.
OTHER FORMAT(S) or VERSION(S)
11 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No.* MN03707B
Title No. 165445 *Sale* $19.25

BEATING THE AVERAGES
27 min, 16mm film, optical sd, col 1969
Producer USSRS
Title No. 165150 *Sale* $109.50
Depicts problems of wheelchair victims attempting to move about in conventionally-designed homes, office buildings, and factories. Narrated by Raymond Burr.

BEAUTY AND THE GRANDEUR, THE
14 min, 16mm film, optical sd, col 1965
Producer USFHWA
Title No. 166000 *Sale* $47.00
Describes the highway beautification program underway throughout the nation.

BEAVER SELJA INCIDENT, THE
5 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN00202Y
Title No. 166100 *Sale* $9.25
Shows collision of the Beaver and the Selja off the California coast. Tells of the signals exchanged, action taken when collision was imminent, and the decision of the Supreme Court.
From the *RULES OF THE NAUTICAL ROAD* series.

BED BATH, THE
19 min, 16mm film, optical sd, b&w
Producer USN *Agency No.* MN08567D
Title No. 166455 *Sale* $33.75
Shows the supplies and equipment needed, demonstrates the order of the bath, and the correct techniques to follow in giving the patient a back rub.

BED CARE AND POSITIONING OF THE PATIENT WITH ARTHRITIS
8 min, 16mm film, optical sd, col 1968
Producer USNMAC *Agency No.* M-2012-X
Title No. 166500 *Sale* $31.25
Demonstrates proper bed care and positioning of the patient with arthritis which will allow a more rapid and comfortable recovery as well as prevent contractures and bed sores. Points out that an integral part of good bed care is the ability to assist movement of the patient with a minimum of pain.

BEFORE SATURN
14 min, 16mm film, optical sd, col 1962
Producer USNASA *Agency No.* HQA 076
Title No. 166825 *Sale* $59.00
Presents a short history of the philosophical and fictional dreams of space exploration, from the early Chinese through the Greek period to the developemnt of the Saturn I rocket.
CLEARED FOR TV.

BEFORE THE DAY
11 min, 16mm film, optical sd, b&w 1960
Producer USSSA
Title No. 166740 *Rental* W/DRAWN *Sale* W/DRAWN
Gives an account of the founding and growth of the old age and disability programs under social security.

***BEGINNING JAPANESE, PT 1**
16 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 008887 *Sale* $52.00
For information concerning purchase of accompanying text, write to National Audiovisual Center, Information Branch for NACI Listing G034.
OTHER FORMAT(S) or VERSION(S):
30 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 008886 *Sale* $83.50
For information concerning purchase of accompanying text, write to National Audiovisual Center, Information Branch for NACI Listing G034.

***BEGINNING JAPANESE, PT 2**
15 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 008889 *Sale* $48.75
For information concerning purchase of accompanying text, write to National Audiovisual Center, Information Branch for NACI Listing G034.
OTHER FORMAT(S) or VERSION(S):
30 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 008888 *Sale* $83.50
For information concerning purchase of accompanying text, write to National Audiovisual Center, Information Branch for NACI Listing G034.

BEGINNING WITHOUT END, A
30 min, 16mm film, optical sd, col 1968
Producer USAEC
Title No. 001443 *Sale* $175.75
A non-technical survey of the wide variety of nuclear research and development projects at the Berkeley and Livermore sites of the Lawrence Radiation Laboratory.

***BEGINNING, THE - THE RECRUIT**
18 min, 16mm film, optical sd, col 1969
Producer USMC *Agency No.* MH10863
Title No. 168450 *Sale* $74.00
Shows scenes of bootcamp and graduation at the Marine Corps Recruit Depot, San Diego, California.

BEHAVIOR THERAPY WITH AN AUTISTIC CHILD
42 min, 16mm film, optical sd, b&w 1964
Producer USPHS *Agency No.* MIS-0895
Title No. 169100 *Sale* $71.75
Demonstrates the systematic application of reinforcement in the form of candy, for responsive behaviors by a five year old autistic child. An introduction and final summary statement bring the demonstration within framework of current work in behavior therapy.

BEHIND THE SHOP DRAWING
10 min, 16mm film, optical sd, b&w 1941
Producer USN *Agency No.* MN00037
Title No. 169490 *Sale* $28.50
Shows isometric, perspective, orthographic projection and cross section drawings. Tells how dimensions and specifications are indicated.

BENCHWORK, PT 1
14 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No.* MN03707E
Title No. 000364 *Sale* $25.50
Shows how to remove valves, overspeed trip assembly, transfer block, and check valve.
From the *GENERAL MOTORS 16-278A DIESEL ENGINE* series.

BENCHWORK, PT 2
19 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No.* MN03707F
Title No. 000365 *Sale* $33.75
Tells how to clean and inspect the head, resurface valve seats, lap valves and 'mike' guides and valves.
From the *GENERAL MOTORS 16-278A DIESEL ENGINE* series.

BENCHWORK, PT 3
12 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No.* MN03707G
Title No. 000366 *Sale* $22.25
Describes how to install valves, overspeed trip, transfer block, test valve and relief valve assembly, and start air starting check valve.
From the *GENERAL MOTORS 16-278A DIESEL ENGINE* series.

BENCHWORK, PT 4
26 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No.* MN03707H
Title No. 000367 *Sale* $45.50
Tells how to disassemble the piston assembly, and inspect and 'mike' the piston, wrist pin, and bearings check ring clearance, reassemble piston and rod, and inspect, clear, and 'mike' the liner.
From the *GENERAL MOTORS 16-278A DIESEL ENGINE* series.

BENDING COPPER TUBING TO A WIRE TEMPLATE
22 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 102
Title No. 170125 *Rental* $7.50 Sale $46.25
Describes how tubing is annealed, cooled and filled with rosin, and how a wire template is made. Shows how bends are marked, made, and checked.
From the *SHIPBUILDING SKILLS* series. Copper- Smithing, No. 1

BENDING OAK TECHNIQUES
17 min, 16mm film, optical sd, b&w 1950
Producer USN *Agency No.* FN 6734
Title No. 006429 *Sale* $30.50
Demonstrates techniques of bending oak billets of Navy motor launch hulls--covers presentation of bending machines, procedure prior to bending, cautions to be observed during bending operations, storing of billets, and cutting of ribs.
CLEARED FOR TV.

BENEATH NAVY WINGS
28 min, 16mm film, optical sd, col 1961
Producer USN *Agency No.* MN09454
Title No. 170170 *Sale* $94.50
A recruiting film designed to encourage enlistments in U S naval aviation. Through the story of two enlisted men aboard an ASW patrol plane, emphasizes the education and training involved in preparing enlisted men and women for work in various naval aviation specialties.

BERLIN DUTY
12 min, 16mm film, optical sd, b&w 1964
Producer USDOD *Agency No.* AFMR 0631
Title No. 170750 *Sale* $42.50
Pictures life, particularly the life of American occupation forces, in West Berlin.
NOT CLEARED FOR TV.

BEST INVESTMENT WE EVER MADE, THE
24 min, 16mm film, optical sd, col 1964
Producer USFAA *Agency No.* FA-0304
Title No. 171365 *Sale:* W/DRAWN
Provides a factual documentary on value of smalltown airports to communities' economy. Narrated by Arthur Godfrey.
CLEARED FOR TV.

BETA RAY SPECTROMETER
7 min, 16mm film, optical sd, col 1963
Producer USAEC
Title No. 171390 *Sale* $31.00
Uses animation and live action shots to explain the operating principles of the coincidence beta ray spectrometer, a device which is used to measure the intensity and direction of beta particle emissions. Demonstrates the assembly of the components of the device and the masking for beam direction and size. Shows and explains the function of detectors.

* INDICATES NEW ENTRY

***BETTER LIVING THROUGH RESEARCH**
21 min, 16mm film, optical sd, col 1958
Producer USDA *Agency No.* 1347
Title No. 171700 *Sale* $98.00
Shows research by the U S Department of Agriculture at the Institute of Home Economics, Beltsville, Maryland, in the fields of food, textiles and housing.

BETTER TOMORROW, A
24 min, 16mm film, optical sd, b&w 1960
Producer USIA *Agency No.* 16-00548
Title No. 171845 *Rental* W/DRAWN Sale W/DRAWN
Shows how a Brazilian non-profit organization and the Point 4 Economic Assistance Program cooperate in offering courses in civic administration and in providing scholarships for study in the United States.

***BETTER WAYS FOR DOING WORK - INTRODUCTION TO THE ARMY WORK SIMPLIFICATION PROGRAM**
20 min, 16mm film, optical sd, col 1973
Producer USA *Agency No.* MF-61-5718
Title No. 003573 *Sale* $81.75
Illustrates the history, application, and tools of work simplification. Through an animated format, describes work simplification as the application of common sense to work to be done, showing its benefits to the worker, the supervisor, and to the Army.

BEVEL PROTRACTOR, THE
15 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 050
Title No. 172175 *Rental* $7.50 Sale $27.00
Gives principles of the vernier bevel protractor. Tells how to set and read the protractor and how to lay cut angular work and check angles.
From the *MACHINE SHOP WORK* series. Precision Measurement, No. 7

BEVELING, GROOVING, AND ROUNDING
27 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN 02449G
Title No. 172195 *Sale* $47.00
Illustrates techniques involved in grooving, beveling and rounding both flat and cruved surfaces, demonstrates importance of beveling the edges of all optical surfaces to prevent chipping, adaption of surface grinder for grooving, and two common types of rounding machines.

BEVELING, MITERING, RABBETING AND DADOING
19 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 307
Title No. 172200 *Rental* $7.50 Sale $33.75
Shows how to cut a bevel with tilted fence, set a miter gage, use a stopblock, set the fence and blade for cutting rabbets, and install and use a dado head.
From the *PRECISION WOOD MACHINING* series. Operations On the Variety Saw, No. 2

BEVELING, STOP CHAMFERING AND TAPERING SQUARE STOCK
20 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 303
Title No. 172250 *Rental* $7.50 Sale $35.25
Shows how to set fence for bevel cutting, adjust the proper amount of cut, cut chamfer, set the infeed and outfeed tables and stop blocks, and how to cut tapers.
From the *PRECISION WOOD MACHINING* series. Operations On the Jointer, No. 2

BEYOND SILENCE
17 min, 16mm film, optical sd, b&w 1960
Producer USIA *Agency No.* 01-02498
Title No. 172352 *Rental* W/DRAWN Sale W/DRAWN
The story of Gallaudet College, a university for the deaf in Washington, D C, and of the work of Gallaudet Graduate School, a world famous research center for the deaf. Gallaudet is the only school of its kind in the world and is open to students of all nations.

BEYOND THE STICK AND RUDDER
14 min, 16mm film, optical sd, b&w 1959
Producer USAF *Agency No.* TF 1-5300
Title No. 001640 *Sale* $25.50
Explains the basic principles of aerodynamics, shows how aircraft designers apply these laws to achieve superior design and performance without detracting from pilot safety, and emphasizes the pilot's need for a thorough knowledge of these laws for safe flying.

***BEYOND THIS WINTER'S WHEAT**
15 min, 16mm film, optical sd, b&w 1965
Producer USIA *Agency No.* 01-02649
Title No. 172401 *Rental* W/DRAWN Sale W/DRAWN
Reveals the inner thoughts and aspirations of a young agricultural college student from a Northwestern wheat farm. Shows his feeling for the land, and his growing sense of responsibility to himself and to his fellow man even to the aiding of other nations with the bounty of America's farms. Includes his plans for joining the peace corps before returning to the farm.

BI-STABLE MULTIVIBRATOR - TSTR
40 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-813
Title No. 172500 *Sale* $82.25
Reviews the basic action of the transistorized bi-stable multivibrator and outlines some of its uses. Emphasizes factors that identify the circuit and explains the purpose of each component. Plots characteristic waveshapes graphically and shows actual waveshapes. As the waveshapes are developed, the input to output frequency ratio is emphasized. (Kinescope)

BI-STABLE MULTIVIBRATOR - VT
31 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-812
Title No. 172502 *Sale* $64.25
Points out the identifying features of the circuit and stresses the purpose of each component. Explains the operation of the circuit as a graph of characteristic waveshapes is developed, and emphasizes the input-output frequency ratio. (Kinescope)

BI-VALVE CASTS, THEIR CONSTRUCTION AND APPLICATION
14
Producer USNMAC *Agency No.* F-1472-X
Title No. 001444 *Sale* $10.00
Describes the purpose and value of bi-valve casts helping to keep the child's legs in good alignment, prevention of the formation of contractures, and aiding the child in maintaining a standing position.

BIASED CLAMPERS
21 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-540
Title No. 172504 *Sale* $44.50
Reviews basic diode clamper theory. Explains uses and basic characteristics of components and adds bias to the basic circuit. (Kinescope)

BIG CHALLENGE, THE
9 min, 16mm film, optical sd, col 1967
Producer USNASA *Agency No.* HQA 170
Title No. 173125 *Sale* $100.25
Describes the planning and construction of the vehicle assembly building, crawler, mobile service structure, and the buildings and support facilities of the Kennedy Space Center, Merrit Island, Florida.
CLEARED FOR TV.

***BIG GAMBLE, THE**
15 min, 16mm film, optical sd, b&w 1953
Producer USDA *Agency No.* 1161
Title No. 003924 *Sale* $30.00
Shows the farmer's struggle against the forces of nature in the production of crops and how the Federal All-risk Crop Insurance program eases the financial burden when crop failure strikes.

* INDICATES NEW ENTRY

BIG RIVER
15 min, 16mm film, optical sd, col 1963
Producer USAE
Title No. 174175 *Sale* $65.00
Emphasizes the essential role of the Mississippi River as the main artery of the vast inland navigation system of the United States.

BIG WHEEL, THE
17 min, 16mm film, optical sd, b&w 1950
Producer USA *Agency No.* CMF130-7723
Title No. 174275 *Sale* $30.50
Tells the history of the 35th Infantry Division.

BIOLOGY AND CONTROL OF DOMESTIC FLIES, THE
15 min, 16mm film, optical sd, col 1964
Producer USPHS *Agency No.* M-0628
Title No. 006419 *Sale* $51.75
Shows the public health importance, biology, environmental control and chemical base-line for community fly control operations.

BIOLOGY AND CONTROL OF DOMESTIC MOSQUITOES
22 min, 16mm film, optical sd, col 1960
Producer USPHS *Agency No.* M-0357
Title No. 175900 *Sale* $74.75
Stresses the need for local health departments, civic and service groups, and individuals to co-operate with the U S Public Health Service in control of domestic mosquitoes.

BIOLOGY AND CONTROL OF DOMESTIC MOSQUITOES (SPANISH)
22 min, 16mm film, optical sd, col 1960
Producer USPHS *Agency No.* M-0357-SP
Title No. 175901 *Sale* $74.75
Stresses the need for local health departments, civic and service groups and individuals to co-operate with the United States Public Health Service in the control of domestic mosquitoes.

BIOLOGY AND CONTROL OF SCHISTOSOMIASIS IN PUERTO RICO
19 min, 16mm film, optical sd, col 1965
Producer USPHS *Agency No.* M-0650
Title No. 175960 *Sale* $65.00
Shows the problem of schistosomiasis in the world today. Points out detection of the disease and survey methods in Puerto Rico, and photomicrography and animation of life cycle of the parasite. Schistosoma mansoni, clinical symptoms of the disease, ecology of the fresh-water snail host, and control methods are shown.

BIOLOGY AND CONTROL OF SCHISTOSOMIASIS IN PUERTO RICO (SPANISH)
19 min, 16mm film, optical sd, col 1965
Producer USPHS *Agency No.* M-1035
Title No. 175961 *Sale* $65.00
Shows the problem of schistosomiasis in the world today. Points out detection of the disease and survey methods in Puerto Rico. Shows schistosoma mansoni, clinical symptoms of the disease, ecology of of the fresh-water snail host and control methods are shown.

BIOLOGY AND CONTROL OF SCHISTOSOMIASIS IN PUERTO RICO (FRENCH)
19 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No.* M 1036
Title No. 001641 *Sale* $65.00
Shows the problem of schistosomiasis in the world today. Points out detection of the disease and survey methods in Puerto Rico - photomicrography and animation of life cycle of the parasite. Schistosoma mansoni - clinical symptoms of the disease - ecology of the fresh-water snail host and control methods.

BIOLOGY AND CONTROL OF THE COCKROACH
14 min, 16mm film, optical sd, col 1960
Producer USPHS *Agency No.* M-0426
Title No. 175950 *Sale* $48.50
A filmograph designed to train sanitarians in recognition and control of the cockroach. Describes new insecticides for the control of cockroaches which are resistant to chlordane.

BIOLOGY OF DOMESTIC FLIES
9 min, 16mm film, optical sd, b&w 1952
Producer USNMAC *Agency No.* M-0080
Title No. 176100 *Sale* $15.75
Explains the life cycle of the house fly, characteristics of domestic flies (house, blow, flesh, and stable flies), typical breeding places, public health implications of the fly's mechanisms for transmitting disease organisms and filth, and control measures.

BIOLOGY PLUS
33 min, 16mm film, optical sd, b&w 1962
Producer USOE *Agency No.* OE 503
Title No. 176150 *Rental* $12.50 Sale $56.75
Presents the traditional subject matter of biology, with the additional series of student laboratory and field experiences.

BIOMECHANICAL PRINCIPLES OF FIXED PARTIAL DENTURE PROSTHODONTICS, PT 1
45 min, 16mm film, optical sd, col 1962
Producer USVA
Title No. 176125 *Sale* $153.00
Demonstrates the desirability of observing sound principles in the planning and construction of crown and bridge fixed denture prostheses so that these restorations may serve effectively as replacements for missing teeth and in the preservation of the remaining teeth and other oral tissues. The engineering principles relating to cavity preparation and fixed partial denture protheses are shown by the use of illuminated, clear plastic models.

BIOMECHANICAL PRINCIPLES OF FIXED PARTIAL DENTURE PROSTHODONTICS, PT 2
30 min, 16mm film, optical sd, col 1962
Producer USVA
Title No. 176126 *Sale* $101.00
Demonstrates the desirability of observing sound principles in the planning and construction of crown and bridge fixed denture prostheses so that these restorations may serve effectively as replacements for missing teeth and in the preservation of the remaining teeth and other oral tissues. The engineering principles relating to cavity preparation and fixed partial denture protheses are shown by the use of illuminated, clear plastic models.

BIOSATELLITE PROGRAM, THE - BETWEEN THE ATOM AND THE STAR
28 min, 16mm film, optical sd, col 1965
Producer USNASA *Agency No.* HQ 107
Title No. 000369 *Sale* $111.00
Shows why an orbiting satellite is 'weightless' and how biological experiments performed in a weightless laboratory may reveal important information about basic life processes.
CLEARED FOR TV.

BIRD AIRCRAFT STRIKE HAZARDS
11 min, 16mm film, optical sd, col 1967
Producer USAF *Agency No.* FR 851
Title No. 176155 *Sale* $44.75
Reviews bird strike hazards to aircraft and aircrews. Shows canopy and fuselage damage to several aircraft and cites loss of several lives. Discusses ratios of given bird weights, aircraft speeds, and pounds of impact pressure. Cites critical geographical areas during migrating seasons and at certain times of day. Offers helpful suggestions for avoiding strikes.
CLEARED FOR TV.

BLACKSMITH, THE - CALCULATING AND BENDING RINGS AND LINKS, THE
21 min, 16mm film, optical sd, b&w
Producer USN *Agency No.* MN02350A
Title No. 179690 *Sale* $37.00
Teaches elementary shipsmithing including linear calculation of stock, forming of rings and links, forge welding, and the use of common blacksmith's hand tools.
From the *SHIPBUILDING SKILLS* series.

BLACKSMITH, THE - CALCULATING AND FORGING A DECK SOCKET WRENCH

19 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN02350B
Title No. 179692 *Sale* $33.75

Shows the steps taken in forging a deck socket wrench from reading the blueprint and selecting the stock to forging and finishing.

From the *SHIPBUILDING SKILLS* series.

BLANKET FOR SURVIVAL

22 min, 16mm film, optical sd, col 1965
Producer USFAA *Agency No.* FA-0607
Title No. 179715 *Sale* $80.25

Demonstrates a successful technique for combining major aircraft fires based on the premises of reaching the full length of the fuselage, cooling the metal, and blanketing the fire area.

CLEARED FOR TV.

BLANKING SHEET METAL ON THE SQUARING SHEAR

15 min, 16mm film, optical sd, b&w 1943
Producer USOE *Agency No.* OE 130
Title No. 179725 *Rental* $7.50 Sale $27.00

Describes how to lay out tapered blanks on an aluminum sheet, set up a hand-operated squaring shear, use hold-downs and treadle, and check and trim blanks.

From the *AIRCRAFT WORK* series. Blanking Sheet Metal, No. 1

BLANKING SHEET METAL WITH HAND SNIPS

18 min, 16mm film, optical sd, b&w 1943
Producer USOE *Agency No.* OE 131
Title No. 179750 *Rental* $7.50 Sale $32.00

Shows care and adjustment of sheet metal snips, proper selection of snips, how to remove burrs, and how to cut a straight line, inside circle and outside circle.

From the *AIRCRAFT WORK* series. Blanking Sheet Metal, No. 2

BLANKING WITH ROTARY AND HIGH SPEED SHEARS

16 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 292
Title No. 179755 *Rental* $7.50 Sale $28.50

Shows how to set up rotary and high-speed shears, make test cuts, and operate shears for production runs.

From the *AIRCRAFT WORK* series. Blanking Sheet Metal, No. 4

BLANKING WITH THE SWING ARM ROUTER

17 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 132
Title No. 179757 *Rental* $7.50 Sale $30.50

Tells how to operate a swing-arm router, set up the work and template for routing, change router bits, and rout internal and external contours.

From the *AIRCRAFT WORK* series. Blanking Sheet Metal, No. 3

***BLASTOMYCES DERMATITIDIS**

6 1954
Producer USNMAC *Agency No.* F116-A
Title No. 002002 *Sale* $10.00

Illustrates clinical signs and histologic aspects of blastomyces dermatitidis, and techniques used in the microscopic examination of specimens.

BLEACHING THE ENDODONTICALLY TREATED DISCOLORED TOOTH

14 min, 15mm film, optical sd, col 1970
Producer USVA *Agency No.* D98
Title No. 002947 *Sale* $47.50

The objective of bleaching a nonvital discolored tooth is the restoration of normal color. This is accomplished by discolorizing the stain with a powerful oxidizing or reducing agent. This technique is demonstrated on an anterior central incisor.

BLEEDING AND BANDAGING

28 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No.* M-0799
Title No. 179790 *Sale* $93.00

Teaches the individual how to take care of his medical and health needs in time of disaster when medical assistance might not be readily available.

From the *MEDICAL SELF-HELP* series.

RESTRICTED TO PROFESSIONAL AUDIENCES--RESIDENTS, OTHER MEDICAL PROFESSIONAL PERSONNEL, AND RESEARCH AND SOCIAL WORKERS IN THE FIELD OF MEDICINE. CLEARED FOR USE ON EDUCATIONAL CLOSED-CIRCUIT TELEVISION ONLY.

BLEEDING DISORDERS

30 min, 16mm film, optical sd, b&w 1968
Producer USNMAC *Agency No.* T-1853-X
Title No. 179795 *Sale* $60.50

Graphically demonstrates extrinsic and intrinsic hemostatic mechanisms of clotting. Illustrates bleeding disorders of (1) primary vessel wall defect, (2) platelet abnormalities, and (3) abnormalities of coagulation mechanism. (Kinescope)

From the *BOSTON MEDICAL REPORTS* series.

BLIND RIVETING

15 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 294
Title No. 179820 *Rental* $7.50 Sale $27.00

Demonstrates necessity for blind riveting, how to rivet parts that are completely blind, and how to use special tools and rivets in blind riveting jobs.

From the *AIRCRAFT WORK* series. Assembling and Riveting, No. 8

***BLOCK THAT TERMITE**

20 min, 16mm film, optical sd, b&w 1940
Producer USDA *Agency No.* 716-A
Title No. 180001 *Sale* $48.00

Shows construction procedures to prevent ravages of termites in new buildings, portrays measures which can prevent further damage in infected buildings.

BLOCKING OSCILLATOR

36 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-804
Title No. 180120 *Sale* $74.50

Identifies the blocking oscillator and points out one use of the circuit. Explains the theory of operation, by use of the circuit, and shows significant waveshapes. Defines under, over, and critical damping and shows the proper amount of damping for the blocking oscillator. Shows waveshapes on an oscilloscope. (Kinescope)

BLOCKING OSCILLATOR - TSTR

39 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-806
Title No. 180121 *Sale* $80.25

Gives a detailed explanation of the circuit operation, stressing the purpose of each component. Shows output waveshapes, emphasizing phase relationships and the effect of varying circuit components on frequency, pulse width, and rest time. (Kinescope)

BLOCKING OSCILLATOR - VT

36 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-805
Title No. 180123 *Sale* $74.50

Discusses characteristics of rectangular pulses. States purpose of circuit components and explains operation of circuit. Makes detailed analysis of circuit waveshapes, defines the three types of damping, and explains two methods of obtaining stability. (Kinescope)

BLOOD COLLECTION FOR PEDIATRIC TESTS

5 min, 16mm film, optical sd, col 1966
Producer USPHS *Agency No.* M-1299
Title No. 180191 *Sale* $18.00

Demonstrates the procedure for taking blood specimens from very young infants for phenylalamine testing and other pediatric serum test. Faulty as well as proper techniques in using the rasmussen disposable bottle collector are demonstrated. The recommended method for shipping the serum to the laboratory is also shown.

BLOOD PRESSURE READINGS
19 min, 16mm film, optical sd, col 1968
Producer USPHS *Agency No.* M-1582
Title No. 180234 *Sale* $65.00
Shows a manometer with accompanying, synchronous koratkoff sound. Fourteen blood pressure cases are presented followed by a pause for observer to write interpretation of blood pressure reading.

BLOOD PRESSURE READINGS
29 min, 16mm film, optical sd, b&w 1968
Producer USNMAC *Agency No.* MIS-0690
Title No. 180235 *Sale* $50.25
Shows a series of actual blood pressure measurements with the sphygmomanometer and stethoscope. Each scene shows the mercury being lowered in a manometer and the sound track gives the accompanying sounds. The audience is asked to fill out a test sheet as given subjects are repeated at random in 15 sequences.

***BLUE**
24 min, 16mm film, optical sd, col 1971
Producer USNIMH
Title No. 180440 *Rental* $12.50 Sale $97.75
Shows what addiction is like for the Black person. Reconstructs the past of a young Black addict, portraying the hardships, misery and despair connected with the life of a drug addict. Recommended for Black audiences.

BLUE RIBBON
22 min, 16mm film, optical sd, b&w 1948
Producer USDS
Title No. 180575 *Rental* $7.50 Sale $46.25
Shows family life and activities of rural youth in the United States, 4-H Club activities and exhibits at county agricultural fairs, and 'blue ribbon' awards given to boys and girls for livestock, farm produce, and homemaking projects.

***BLUE TONGUE**
9 min, 16mm film, optical sd, col 1954
Producer USDA *Agency No.* 1188
Title No. 003925 *Sale* $45.00
Describes the history and shows the symptons, lesions, and pathology characteristics of blue tongue, catarrhal fever of sheep. Describes the epizootiology, including insect transmission, hosts, communicability, and means of prevention and control.

BMEP LIMITER
10 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN02598C
Title No. 180760 *Sale* $17.50
Explains how the governor operates for normal and low speeds. Shows how the BMEP limiter functions when fuel is on and off, reduces the fuel supply to an overloaded engine, and goes out of position when the full operation is completed.
From the *DIESEL ENGINE* series. Marguette Hydraulic Governor, Pt 3.

***BOARDING PROCEDURES**
13 min, 16mm film, optical sd, col 1972
Producer USCG
Title No. 002003 *Sale* $52.50
Presents a typical boarding situation in which an experienced Coast Guard boating safety officer stops a speeding pleasure boat, boards, examines the federally required safety equipment and issues a citation. Intended for use in training marine law enforcement personnel.

BOATING SAFETY, PT B, COURTESY AFLOAT
20 min, 16mm film, optical sd, col 1962
Producer USCG
Title No. 180855 *Sale* $77.00
Courteous and safe operation in swimming and fishing areas, and keeping aware of weather conditions. This film is designed for use by all boatmen, but particularly for those who operate less-than-26-foot boats.

BOATING SAFETY, PT C, SAFETY EQUIPMENT
16 min, 16mm film, optical sd, col 1963
Producer USCG
Title No. 180857 *Sale* $60.00
Demonstrates proper equipment and its correct utilization aboard pleasure craft, including various types of life preservers, signaling, anchor, and other devices calculated to increase boating knowledge.
CLEARED FOR TV.

BOB CUMMINGS VISITS THE AIR FORCE ACADEMY WITH HIS SON BOB CUMMINGS, JR
14 min, 16mm film, optical sd, col 1959
Producer USAF *Agency No.* SFP 0668
Title No. 181145 *Sale* $48.50
Bob Cummings takes his son Robert on an exciting tour of the Air Force Academy. Besides explaining the curriculum and extra-curricular activities of the school, Bob points out career opportunities available to eligible young men.
THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY. CLEARED FOR TV.

BODY MECHANICS
9 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1336
Title No. 181427 *Sale* $29.25
Shows 'Do's' and 'Don't's' of lifting techniques used by physical therapists. Emphasizes use of proper body mechanics as a protection to both patient and therapist.

BOILER REPAIR, WATER SIDE - CLOSING THE BOILER
10 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN07861D
Title No. 181603 *Sale* $17.50
Shows how to close the boiler and prepare it for service again after all necessary inspections have been made to the water sides, including inspection and and replacement of faulty tubes.

BOILER REPAIR, WATER SIDE - INTRODUCTION
9 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN07861A
Title No. 181600 *Sale* $15.75
Gives an introduction to basic problems and conditions leading to boiler repairs, both water side and fire side.

BOILER REPAIR, WATER SIDE - REMOVING BOILER TUBES
10 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN07861B
Title No. 181601 *Sale* $17.50
Shows proper tools, materials, methods, precautions, and overall conditions for replacing boiler tubes. Stresses safety precautions.

BOILER REPAIR, WATER SIDE - REPLACING BOILER TUBES
8 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN07861C
Title No. 000370 *Sale* $14.25
Shows how to replace boiler tubes after they have been properly removed and inspected for possible faults in operation and safety.

BOILER REPAIRS, FIRE SIDE - BUILDING WALLS AND FLOORS
13 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN07862A
Title No. 181500 *Sale* $23.75
Shows the materials and methods to be utilized in building walls and floors in the fire side of the boiler.

BOILER REPAIRS, FIRE SIDE - HIGH TEMPERATURE CASTABLE REFRACTORIES
14 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN07862D
Title No. 181503 *Sale* $25.50
Explains the use of high temperature castable refractory and

castable chrome ore, conditions necessary for their utilization, and all necessary steps for application, from pre-mixing of materials to air-drying and baking-out.

BOILER REPAIRS, FIRE SIDE - INSTALLING PLASTIC CHROME
5 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN 7862-C
Title No. 001642 *Sale* $9.25
Shows how to apply plastic chrome ore in a boiler through the portrayal of an actual installation from beginning to end. Stresses careful procedures and safety.

BOILER REPAIRS, FIRE SIDE - INSTALLING PLASTIC FIRE BRICK
7 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN07862B
Title No. 181510 *Sale* $12.50
Discusses conditions for using plastic firebrick and shows the step-by-step method of applying this material. Explains its advantages and disadvantages. safety.

***BOILERS AND THEIR OPERATION - ALKALINITY TEST**
13 min, 16mm film, optical sd, col 1970
Producer USN *Agency No.* MM0922312
Title No. 181608 *Sale* $54.25
Describes the procedure for preparing the chemicals and conducting the alkalinity test.

***BOILERS AND THEIR OPERATION - BOILER WATER SAMPLING**
8 min, 16mm film, optical sd, col 1971
Producer USN *Agency No.* MN09223R
Title No. 181620 *Sale* $35.00
Shows the manner in which boiler water samples are obtained.

***BOILERS AND THEIR OPERATION - PHOSPHATE TEST**
13 min, 16mm film, optical sd, col 1970
Producer USN *Agency No.* MN09223M3
Title No. 181622 *Sale* $56.50
Demonstrates the use of the Taylor comparator kit in performing the phosphate test. Also shows how to prepare the boiler water.

***BOLD DECISIONS**
27 min, 16mm film, optical sd, b&w 1965
Producer USAF *Agency No.* SFP 1254
Title No. 181640 *Sale* $47.00
Traces history of aviation from its beginning through major wars. Focuses primarily on contributions of great American leaders to the progress and development of aviation and to creation of a heritage of which the Air Force is proud.
CLEARED FOR TV.

BOLD NEW APPROACH
28 min, 16mm film, optical sd, b&w 1966
Producer USPHS *Agency No.* AM-1367
Title No. 181680 *Sale* $48.75
Explains the philosophy behind comprehensive community mental health center, stressing the concepts of comprehensive and continuous care. Services include in/outpatient treatment for all ages, day and night hospital, emergency service and rehabilitation services. Shows that such a center can be created and molded to the needs of any type of community.

***BOMB SQUAD**
28 min, 16mm film, optical sd, col 1970
Producer USN *Agency No.* MN10502
Title No. 181848 *Sale* $111.50
Portrays the training facilities located at the Naval Ordnance Station, Indianhead, Maryland, Naval Station, Key West, Florida and Naval Station, Washington, D C. Also shows problems involving the location and disarmament of explosive devices by explosive ordnance disposal teams.

***BOMEX**
16 min, 16mm film, optical sd, col 1973
Producer USNOAA
Title No. 002004 *Sale* $66.00
Describes the unique series of studies of the weathermaking interaction between the tropical Atlantic ocean and the atmosphere made during the 1969 Barbados Oceanographic and Meterogical Experiment.

BONDED THIN CONCRETE RESURFACING
14 min, 16mm film, optical sd, b&w 1957
Producer USAF *Agency No.* TF01-5158
Title No. 182040 *Rental* $7.50 Sale $25.50
Describes a new method of resurfacing runways--including cleaning the runway of debris, oil, and grease-thoroughly wetting down the runway, using foaming muriatic acid to provide a strong bond between old and new concrete, mixing and testing aggregate, locating forms, spreading special bonding mortar, and locating new joints over old.

BONUS FOR PUERTO RICO
20 min, 16mm film, optical sd, col 1967
Producer USAEC
Title No. 001445 *Sale:* W/DRAWN
Discusses the joint arrangements between the U S Atomic Energy Commission and the Puerto Rico Water Resources Authority for construction and operation of a small, unique nuclear power station, the boiling nuclear superheat reactor, in Puerto Rico. Shows the plant in operation and compares nuclear superheat reactors with other types.

BOOKED FOR SAFEKEEPING
33 min, 16mm film, optical sd, b&w 1960
Producer USPHS *Agency No.* MIS-0561
Title No. 182350 *Sale* $56.75
Demonstrates the proper management of mentally ill persons by members of the large city police department to prepare the mentally ill persons for their subsequent medical treatment.

BOOKS FOR EVERYONE
10 min, 16mm film, optical sd, b&w 1950
Producer USA
Title No. 182550 *Rental* $5.00 Sale $21.00
Shows how the manufacture and distribution of millions of paper-bound books in America makes various types of publications easily available for education or entertainment.

BOOKS FOR EVERYONE
20 min, 16mm film, optical sd, b&w 1958
Producer USIA *Agency No.* 08-10561
Title No. 182555 *Rental:* W/DRAWN Sale: W/DRAWN
Traces the evolution of pocket-books in Germany caused by the desire of the people for classical reading material.

BORAX - CONSTRUCTION AND OPERATION OF A BOILING WATER REACTOR
14 min, 16mm film, optical sd, b&w 1955
Producer USAEC
Title No. 002948 *Sale:* W/DRAWN
Shows the construction and operation of a boilingwater reactor, and explains how electricity produced from this reactor was used experimentally for an hour in the summer of 1955 for light and power in Arco, Idaho, the first U S community to be lighted exclusively on a city-wide basis by atomic power.

BORING HOLES WITH OFFSET BORING HEAD
28 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 209
Title No. 182950 *Rental* $10.00 Sale $48.75
Explains how to mount the workpiece on the milling machine table, how to bore with an offset boring head and how to use plug gages and a micrometer to check the center distance between the holes.
From the *MACHINE SHOP WORK* series. Operations on the Milling Machine, No. 7

BORING TO CLOSE TOLERANCES
17 min, 16mm film, optical sd, b&w 1943
Producer USOE *Agency No.* OE 059
Title No. 182975 *Rental* $7.50 Sale $30.50

Tells how to mount and adjust the brass valve bonnet in a ring fixture, how to rough- and finish-face the hub, how to rough- and finish-bore the hole to close tolerances and how to prevent bellmouth when boring.

From the *MACHINE SHOP WORK* series. Operations on the Engine Lathe, No. 11

BORN A MAN
21 min, 16mm film, optical sd, b&w 1964
Producer USIA *Agency No.* 01-02620
Title No. 183000 *Rental:* W/DRAWN Sale: W/DRAWN

A documentary account of the rehabilitation of an accident. Shows how his courage and efforts help him to complete training under federal, state and private programs which enables him to return to his job.

BOUGAINVILLE
9 min, 16mm film, optical sd, b&w 1948
Producer USA *Agency No.* CHR-A-005
Title No. 183625 *Sale* $15.75

Reports the landing operation and subsequent capture of Bougainville in 1943 by the American 37th Division, 14th Corps, and 3rd Marine Division.

BOUNDARIES OF THE CAROTID TRIANGLE
12 min, 16mm film, optical sd, col 1969
Producer USVA *Agency No.* D-48A
Title No. 183750 *Sale* $43.00

Demonstrates the boundaries of the carotid triangle.

***BOVINE CONTAGIOUS PLEUROPNEUMONIA**
28 min, 16mm film, optical sd, col 1956
Producer USDA *Agency No.* 1236
Title No. 000712 *Sale* $140.00

Reports the incidence of this destructive disease of cattle and depicts a detailed study of tissue and organs affected by the disease. Shows how this disease that threatened the American cattle industry 70 years ago is controlled by vaccination and other measures in Australia.

BRAZING CARBIDE TOOLS
18 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 241
Title No. 186350 *Rental* $7.50 Sale $32.00

Presents characteristics of carbide tools. Explains how to braze carbide tools with silver solder, make a sandwich braze, braze by other methods and remove the carbide tip from the shank.

From the *MACHINE SHOP WORK* series. Carbide Cutting Tools, No. 1

BRAZING FLANGES WITH SILVER SOLDER
12 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 104
Title No. 186355 *Rental* $7.50 Sale $28.50

Describes how tubing and silver brazing flanges are fitted, flux applied, heat applied to draw silver solder in and out, and flanges cleaned after soldering.

From the *SHIPBUILDING SKILLS* series. Copper- Smithing, No. 3

BRAZING FLANGES WITH SPELTER
19 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 103
Title No. 186360 *Rental* $7.50 Sale $40.50

Illustrates how copper tubing is prepared for flanges, flanges fitted for brazing, Borax applied before brazing flanges, tube and flange brazed over a forge, and brazed flanges prepared for installation on the hull.

From the *SHIPBUILDING SKILLS* series. Copper- Smithing, No. 2

***BREAKTHROUGH**
28 min, 16mm film, optical sd, col 1960
Producer USDA *Agency No.* 1407
Title No. 000718 *Sale* $126.00

Designs to interest college science students in a career in agricultural research. Shows the challenges offered in the research fields of farm economics, entomology, animal husbandry, animal disease and parasites, agricultural engineering, soil and water, and crops, and reveals the constant and continual probing and studying that are necessary before a 'breakthrough' can be achieved.

BREAKTHROUGH - SEARCH FOR KNOWLEDGE
20 min, 16mm film, optical sd, col 1964
Producer USAF *Agency No.* SFP 1225
Title No. 187105 *Rental* $10.00 Sale $68.25

Reports on the Air Force's basic research program and its contributions to the space program. Illustrates how this program, under the jurisdiction of the Office of Aerospace Research, provides an endless source of knowledge to further our space efforts and to insure our national security and aerospace supremacy.

CLEARED FOR TV.

BREAKTHROUGH TO PROGRESS
25 min, 16mm film, optical sd, b&w 1962
Producer USAF *Agency No.* SFP 1091
Title No. 187100 *Sale* $43.75

Plant manager Walter Britt, aggressive but idea-resistant, learns the value of employee suggestions when serious operational problems bog down production schedules.

CLEARED FOR TV.

***BREAST DISEASES, THEIR IMPORTANCE ON YOUR DAILY PRACTICE**
11 min, 2x2 slide set, 1/4 in. audiotape, col 1973
Producer USNMAC *Agency No.* S-2802
Title No. 003119 *Sale* $8.00

Introduction of technique and procedure, valuable to other specialty groups.

From the *MAMMOGRAPHY* series.

SUGGESTED FOR PROFESSIONAL GROUPS ONLY

***BREATH IN TIME, A**
27 min, 16mm film, optical sd, col 1961
Producer USBM
Title No. 003566 *Sale* $107.75

Shows many situations where the prompt application of artificial respiration can save a life. The various methods of artificial respiration, mouth-to-mouth, Holger-Nielson, Shaefer and Sylvester are demonstrated, with emphasis on the mouth-to-mouth method.

PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

***BRIAN AT SEVENTEEN**
30 min, 16mm film, optical sd, b&w 1971
Producer USNIMH
Title No. 002005 *Rental* $10.00 Sale $40.75

Presents an adolescent's view of his educational needs and how school is and is not fulfilling them. Gives perspective of his educational experience, his parents, and life in general. Especially for the teacher and parent who find the current scene confusing.

From the *SOCIAL SEMINAR* series.

BRIDGE FROM NOPLACE
22 min, 16mm film, optical sd, col 1969
Producer USNIMH
Title No. 187630 *Rental:* W/DRAWN Sale: W/DRAWN

Examines the present status of treatment for drug addition, rehabilitation of addicts, and promising research projects. Narrated by Rod Steiger.

From the *DISTANT DRUMMER* series.

BRIDGE RECTIFIER - VACUUM TUBE
26 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-40
Title No. 187700 *Sale* $54.75

Develops a knowledge of the vacuum tube bridge rectifier by comparing it to the solid state bridge rectifier. Circuit components are discussed and current flow is traced. Computed voltages include peak in, peak of the secondary, peak output, and peak inverse. Shows the most common symptoms of malfunction in the circuit. (Kinescope)

BRIDGE RECTIFIERS
34 min, 16mm film, optical sd, b&w 1965
Producer USAF *Agency No.* TVK 30 226
Title No. 187707 *Sale* $70.50
Traces the development of the bridge rectifier, showing how the output voltage is affected by the various rectifier configurations. Components are identified and labeled. Current flow is traced and output waveshape is shown using a trainer and oscilloscope. Circuit voltages are computed, symptoms of malfunction are illustrated using the trainer and oscilloscope, and probable causes of these symptoms are discussed. (Kinescope)

BRIDGE TO TOMORROW
19 min, 16mm film, optical sd, b&w 1964
Producer USIA *Agency No.* 01-02623
Title No. 187715 *Rental:* W/DRAWN Sale: W/DRAWN
Emphasizes American scientific education's goal of turning out well-rounded men and women. specifically shows this philosophy in the integration of humanities into the science curricula at Massachusetts Institute of Technology, famous for scientific work and its international student body.

BRING ME MEN
16 min, 16mm film, optical sd, col 1966
Producer USAF *Agency No.* SFP 1281
Title No. 188000 *Sale* $55.00
Depicts academic, military and athletic programs of the U S Air Force Academy. Points out career opportunities for qualified young men.
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BROACHING AN INTERNAL KEYWAY
23 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 236
Title No. 188650 *Rental* $10.00 Sale $40.50
Sets forth the principles of internal broaching and of broaching tool design. Explains how to select the broaching tool for the job and set up and operate the horizontal broaching machine.
From the *MACHINE SHOP WORK* series. Operations on a Broaching Machine, No. 1

BRONCHIOGENIC CARCINOMA
16 min, 16mm film, optical sd, col 1951
Producer USVA
Title No. 189390 *Sale* $55.00
Explains the incidence of bronchiogenic carcinoma, its diagnostic features and surgical management. Points out that patients with bronchiogenic carcinoma can be cured if diagnosis and treatment are introduced at an early stage of the disease.

*** **BROTHER**
14 min, 16mm film, optical sd, col 1970
Producer USFAA *Agency No.* FA-01-71
Title No. 002006 *Sale* $64.25
Features two Black men who have made it the aviation industry--pilot and an FAA executive. Through their eyes, stresses FAA's need to recruit bright young men and women into air traffic control and electronics maintenance. Offers honest portrayal of some of the problems minorities have encountered in trying to get jobs, and how FAA is paving the way to more enlightened hiring.

*** **BRUCELLOSIS RING TEST**
6 min, 16mm film, optical sd, col 1956
Producer USDA *Agency No.* 972-1
Title No. 189630 *Sale* $37.00
Introduces the methods and techniques of a presumptive herd test for brucellosis.

BUILDING A BOX BEAM SPAR
21 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 297
Title No. 190855 *Rental* $7.50 Sale $43.25
Tells how to assemble parts of the spar in a jig, apply aircraft glue, clamp parts together for a good glue bond, varnish surfaces, and use jigs for accurate drilling.
From the *AIRCRAFT WORK* series. Wood Fabrication, No. 2

BUILDING A NATION
9 min, 16mm film, optical sd, col 1968
Producer USAF *Agency No.* SFP 1870
Title No. 191025 *Sale* $60.75
Depicts civic action programs conducted by Air Force in Vietnam to help the people of that country raise standard of living. Shows educational, medical and recreational activities and construction projects.
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BUILDING A WOODEN RIB
20 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 296
Title No. 191155 *Rental* $7.50 Sale $40.50
Describes how to assemble, fit, and glue wooden parts in a jig, fit and position the gussets to the framework, and apply aircraft glue and varnish.
From the *AIRCRAFT WORK* series. Wood Fabrication, No. 1

*** **BUILDING FOOD SALES THROUGH BETTER MERCHANDISING**
16 min, 16mm film, optical sd, col 1959
Producer USDA *Agency No.* 1366
Title No. 003926 *Sale* $72.00
An excellent training tool for retailers or merchandising groups, the film presents a study of sales results obtained for different types of store displays of canned foods. Conclusion--there is a best way of displaying merchandise in terms of sales and upkeep.

BUILDING FOR ATOMIC ENERGY
21 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No. 001501 *Sale* $86.00
Covers the construction of the AEC's Savannah River plant, the largest single construction project ever undertaken by the AEC. Shows the major structural requirements created by the atomic production buildings, the various types of supporting buildings and structures, and the wide application of all phases of the construction industry required to build the plant.

*** **BUILDING THE FIRE LINE**
27 min, 16mm film, optical sd, col 1952
Producer USDA *Agency No.* 1094
Title No. 191525 *Sale* $121.00
Shows a typical forest fire problem and the tactics used by the fire boss, foremen, and crews-locating the fireline, deployment of men, assignment of tools, and choice of effective control and suppression measures.
CLEARED FOR TV.

*** **BUILDING THE FIRE LINE (SPANISH)**
27 min, 16mm film, optical sd, col 1952
Producer USDA *Agency No.* 4335
Title No. 003791 *Sale* $121.00
Shows a typical forest fire problem and the tactics used by the fire boss, foreman, and crews--including locating the fireline, deployment of men, assignment of tools, and choice of effective control and suppression measures.

*** **BULGARIAN - BASIC COURSE, UNITS 1-15**
23 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 001502 *Sale* $74.75
For information concerning purchase of accompanying text, write to National Audiovisual Center, Information Branch for NACI Listing G034.
OTHER FORMAT(S) or VERSION(S)
37 1/4 in. audiotapes, full-track, monaural
Producer USFSI

Title No. 004039 *Sale* $103.00
For information concerning purchase of accompanying text, write to National Audiovisual Center, Information Branch for NACI Listing G034.

***BULGARIAN - BASIC COURSE, UNITS 16-30**
11 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 001503 *Sale* $35.75
For information concerning purchase of accompanying text, write to National Audiovisual Center, Information Branch for NACI Listing G034.

OTHER FORMAT(S) or VERSION(S)
20 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004040 *Sale* $55.75
For information concerning purchase of accompanying text, write to National Audiovisual Center, Information Branch for NACI Listing G034.

BULKHEAD, THE - LAYING OFF AND FITTING A CENTERLINE STIFFENER
16 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 031
Title No. 191655 *Rental* $7.50 Sale $33.25
Shows design of a centerline bulkhead stiffener. Tells how to lay out the main stiffener bar with the water-lines and work lines. Describes how to lay out, cut, and fit a main stiffener bracket and tripping brackets.
From the *SHIPBUILDING SKILLS* series. Work of Shipfitter and Shipwright, No. 8

BULKHEAD, THE - LAYING OFF THE BOUNDARY STIFFENERS, WATERLINES, AND BUTTOCK LINES
18 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No.* OE 030
Title No. 191657 *Rental* $7.50 Sale $37.50
Illustrates how to align templates to a bulkhead plate, mark off stiffener work lines on the bulkhead plate, and prepare the plate for welding the stiffeners.
From the *SHIPBUILDING SKILLS* series. Work Of Shipfitter and Shipwright, No. 7

BULKHEAD, THE - SETTING A TRANSVERSE WATERTIGHT BULKHEAD INTO THE HULL
17 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No.* OE 032
Title No. 191659 *Rental* $7.50 Sale $36.50
Describes how to square a transverse bulkhead to a frame line and the centerline of the ship, set the bulkhead to proper height and declivity, cut the bulkhead to fit the innerbottom, and fit the bulkhead to the hull and tack-weld it.
From the *SHIPBUILDING SKILLS* series. Work of Shipfitter and Shipwright, No. 9

***BUNNY**
16 min, 16mm film, optical sd, b&w 1971
Producer USNIMH
Title No. 002007
Sold only as part of a series. Portrays a young college student who smokes marihuana from time to time, usually with friends, for social relaxation. Raises such questions as--why does she turn on? How does she view drug culture? To what extent does the occasional use of marihuana effect her lifestyle, ambitions, and self-perception?
From the *PROFESSIONAL DRUG FILMS* series and Social Seminar Series.

BUOYS AND BEACONS
10 min, 16mm film, optical sd, col 1944
Producer USN *Agency No.* MN00202AB
Title No. 192325 *Sale* $34.00
Explains the functions and distinguishing features of buoys and beacons--color, numbering, shape, and characteristics of lights, and shows how to identify each type.

BURGLARY IS YOUR BUSINESS
15 min, 16mm film, optical sd, col 1969
Producer USSBA
Title No. 192460 *Rental* $10.00 Sale $51.75
Through an investigation by a police department detective following a burglary at a home furnishings/appliance store, points out security measures which retailers should take to prevent burglaries.

***BURNING ISSUE**
14 min, 16mm film, optical sd, col 1962
Producer USDA *Agency No.* 1757
Title No. 003927 *Sale* $66.00
Tells the provocative story of a magazine writer covering a major forest fire in the south. Makes his public understand just how important their forests are, and why they must be saved. Shows many dramatic fires and firefighting scenes.

BUS CARE AND MAINTENANCE
13 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 494
Title No. 192540 *Rental* $7.50 Sale $23.75
Shows importance of daily and weekly maintenance checks. Tells how to start, steer, and stop the bus. Describes how to double clutch and the importance of safe driving habits.
From the *AUTOMOTIVE* series. School Bus Operation, No. 1

***BUSINESS PLAN, THE - FOR SMALL BUSINESSMEN**
15 min, 16mm film, optical sd, col 1972
Producer USSBA
Title No. 003510 *Rental* $10.00 Sale $64.25
Dramatizes through a dialogue between two small businessmen, the need for and elements in a business plan as a management tool for successful business operation.

BUT HOW DOES IT FLY
25 min, 16mm film, optical sd, col 1969
Producer USAF *Agency No.* SFP 1652
Title No. 193001 *Sale* $101.75
Explains in complete details the test engineering activities at the Air Force Systems Command Flight Test Center.
LIMITED TO PROFESSIONALL INTERESTED GROUPS ONLY.

BY-PRODUCTS OF SPACE RESEARCH - SELECTED EXAMPLES
17 min, 16mm film, optical sd, col 1967
Producer USNASA *Agency No.* HQ 179
Title No. 193575 *Sale* $67.50
Demonstrates recent industry applications of aeronautical and space technology and the resulting new or improved products and techniques. Illustrates the use of computers to improve X-ray photographs, application of tire hydroplaning studies to highway safety, and new tools for diagnosing muscle disease.

C-5 GALAXY - WORLD'S LARGEST AIRCRAFT
28 min, 16mm film, optical sd, col 1969
Producer USAF *Agency No.* SFP 1768
Title No. 193605 *Sale* $113.50
Relates the story of an aviation milestone, the C-5 galaxy. Tells the advantages of the aircraft.

CABLE SURFACE WIRING
17 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 377
Title No. 193625 *Rental* $7.50 Sale $30.50
Illustrates how to make an electrical entrance to a building, install nonmetallic sheathed cable, handle and install porcelain fittings, support and connect cable, and prepare and connect wires for service.
From the *ELECTRICAL WORK* series. Wiring, No. 10

CADET HONOR CODE, THE
28 min, 16mm film, optical sd, col 1967
Producer USAF *Agency No.* SFP 1657
Title No. 193725 *Sale* $94.50
Defines Air Force cadet honor code and its administration by Academy cadets. Discusses significance of the code in helping to develop men of responsibility and integrity. Stresses importance of the code to the cadet, to the Air Force and to

national interest. Offers statements from several cadets describing meaning of code to them.
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CADET WINGS IN CIVIL AIR PATROL
15 min, 16mm film, optical sd, col 1966
Producer USAF *Agency No.* SFP 1532
Title No. 193735 *Rental* $7.50 Sale $51.75
Depicts the New CAP flight training program conducted jointly with Federal Aviation Agency and Air Force. Shows how cadets undergo intensive physical fitness, classroom, and in-flight instruction before receiving their wings at graduation exercises. Cites value of program in creating a reservoir of young men trained for Air Force duties.
CLEARED FOR TV.

CALENDAR GAME, THE
14 min, 16mm film, optical sd, col 1967
Producer USSBA
Title No. 194215 *Rental* $10.00 Sale $47.00
Emphasizes the need for planning and budgeting by small retail and service businesses.

CALIBRATION OF THE PLATINUM RESISTANCE THERMOMETER
16 min, 16mm film, optical sd, col 1964
Producer USNBS
Title No. 194301 *Sale* $55.00
Shows the National Bureau of Standards procedure for calibrating a platinum resistance thermometer at the specified defining points on the international practical temperature scale. Along with the procedure, the unique and intricate equipment used at NBS for calibrating at the defining points is seen. Film is intended primarily for scientists, engineers, and technicians in Standards and Calibration laboratories.

***CAMBODIAN - BASIC COURSE, UNITS 1-45**
19 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004038 *Sale* $61.75
Cassettes and accompanying text are both available for $63.75.
OTHER FORMAT(S) or VERSION(S)
45 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004041 *Sale* $125.25
Tape set and accompanying text are both available for $127.25.

***CAMBODIAN - BASIC COURSE, UNITS 46-90**
29 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004042 *Sale* $94.25
Cassettes and accompanying text are both available for $97.50.
OTHER FORMAT(S) or VERSION(S)
29 min, 1/4 in. audiotape, 2-track, monaural
Producer USFSI
Title No. 004043 *Sale* $81.00

***CAN WE HAVE A LITTLE QUIET PLEASE?**
15 min, 16mm film, optical sd, col 1971
Producer USFAA *Agency No.* FA-02-71
Title No. 002008 *Sale* $66.00
Illustrates how government and industry are cooperating to reduce aircraft smoke emissions and noise, particularly around airports, and describes technical improvements that have led to jet engine sound abatement procedures. Emphasizes that more enlightened land use planning in airport neighborhoods can make aviation compatible, and not competitive, with other community interests.

CANADA
18 min, 16mm film, optical sd, b&w 1953
Producer USA *Agency No.* AFIF 0043
Title No. 197050 *Sale* $38.50
Explains Canada's geography, history, way of life, industries, economy, government, and current role in world affairs.
CLEARED FOR TV.

CANAVERAL TO KENNEDY
8 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No.* AD 016
Title No. 198151 *Sale* $32.50
A pictorial history of the Kennedy Space Center, from the first firing in 1951 until the present. Contrasts primitive launch facilities from the first firing in 1951 to the complex areas used in the apollo program.
From the *APOLLO DIGEST* series.
CLEARED FOR TV.

CANCER CHEMOTHERAPY - PRACTICAL CONSIDERATIONS, PT 1
40 min, 16mm film, optical sd, b&w 1965
Producer USNMAC *Agency No.* T-1832-X
Title No. 198201 *Sale* $77.50
Theorizes that cancer chemotherapeutic agents are capable of palliating symptoms and prolonging lifespan in patients with an increasing number of cancer types. (Kinescope)
From the *BOSTON MEDICAL REPORTS* series.

CANCER CHEMOTHERAPY - PRACTICAL CONSIDERATIONS, PT 2
40 min, 16mm film, optical sd, b&w 1965
Producer USNMAC *Agency No.* T-1833-X
Title No. 198202 *Sale* $77.50
Explains that chemotherapy, though not a cure, can effect a significant prolongation of a symptom-free lifespan in over eighty percent of children with acute leukemia. Stresses that adults are less responsive, but may react to a combination of agents. (Kinescope)
From the *BOSTON MEDICAL REPORTS* series.

CANCER EDUCATION
11 min, 16mm film, optical sd, b&w 1950
Producer USIA *Agency No.* 08-10766
Title No. 198205 *Rental:* W/DRAWN Sale: W/DRAWN
Shows the operation of a mobile X-ray clinic in the south. Includes alerting the townspeople of its arrival, X-raying of all citizens, education toward self-examination and various checks made for cancer.

CANNING BEEF
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 455
Title No. 198451 *Rental* $7.50 Sale $30.50
Tells how to prepare soup stock, preheat beef, pack hot beef in cans, seal the cans, process canned beef, and cool and dry the cans before packing.
From the *FARM WORK* series. Food Preservation, No. 2

***CANTONESE - BASIC COURSE, UNITS 1-15**
15 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004044 *Sale* $48.75
Cassettes and accompanying text are both available for $52.25.
OTHER FORMAT(S) or VERSION(S)
29 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004045 *Sale* $81.00
Tape set and accompanying text are both available for $83.50.

***CANTONESE - BASIC COURSE, UNITS 16-30**
15 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004046 *Sale* $48.75
Cassettes and accompanying text are both available for $52.25.
OTHER FORMAT(S) or VERSION(S)
30 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004047 *Sale* $83.50
Tape set and accompanying text are both available for $87.00.

* INDICATES NEW ENTRY

CAPACITANCE
31 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN01540A
Title No. 198549 *Rental* $10.00 Sale $53.50
Demonstrates electron flow through a circuit, the charging and discharging of condensers, variations of a charge on a condenser in relation to time, and the behavior of capacitance with alternating current.

CAPACITANCE, PT 1, PHYSICAL AND ELECTRICAL CHARACTERISTICS AND FACTORS AFFECTING CAPACITAN
29 min, 16mm film, optical sd, b&w 1965
Producer USA *Agency No.* TF11-3627
Title No. 001643 *Sale* $50.25
Explains the characteristics, applications, functioning, and effects of capacitance on electronic circuits.

CAPACITORS
38 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-209
Title No. 198600 *Sale* $78.50
Defines electrostatic field and dielectric. Describes air, paper, oil, electrolytic, and ceramic type capacitors as to their construction and general usage. Gives the unit for measuring capacitance, the 'Farad,' and examples of computing capacitance. Discusses the factors of dielectric, plate area, and distance between plates which affect the value of capacitance, and their effect on capacitance. Defines voltage ratings and explains the factors which affect the voltage ratings of capacitors. (Kinescope)

CAPACITORS - DC-AC ACTION
20 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-210A
Title No. 198602 *Sale* $42.50
Describes the action of a capacitor when DC is applied and when AC is applied. Describes and illustrates the phase relationship between voltage and current in a capacitor when AC is applied. Compares the voltage and current relationship in an inductive and capacitive circuit. (Kinescope)

CAPACITORS - REACTANCE AND TOTAL CAPACITANCE
26 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-210B
Title No. 198605 *Sale* $54.75
Defines capacitive reactance and gives its symbol. Gives the formula and various examples for computing capacitive reactance when frequency and capacitance are known. Shows the method of solving for total capacitance in both series and parallel circuits. (Kinescope)

CAPE KENNEDY 1964
27 min, 16mm film, optical sd, col 1965
Producer USAF *Agency No.* SFP 1460
Title No. 198585 *Sale* $91.25
Reviews satellite launching with closeup of ranger Moon probe. Cites important gains in our space data and identifies key Cape Kennedy personnel. Traces booster improvements and missile program advances.
CLEARED FOR TV.

CAPE KENNEDY 1965
27 min, 16mm film, optical sd, col 1965
Producer USAF *Agency No.* SFP 1487
Title No. 198586 *Sale* $91.25
Reviews advances in missile and satellite science at Cape Kennedy. Describes improvements in Polaris, Ranger, Saturn-Pagasus, Apollo, and Titan III projects with focus on five important Gemini flights.
CLEARED FOR TV.

CAPITAL STORY
20 min, 16mm film, optical sd, b&w 1945
Producer USOWIO
Title No. 198900 *Rental* $7.50 Sale $42.50
Shows the relationship between industry and science. Pictures some functions of the U S Public Health Service. Follows the activities of a research chemist, explaining the processes used in chemical analysis.

CAPSIZING, SINKINGS AND FALLS OVERBOARD
14 min, 16mm film, optical sd, col 1968
Producer USCG
Title No. 199115 *Sale* $52.00
Shows causes and prevention of sinkings, capsizings, and falls overboard. Discusses buoyant effect and stability of pleasure boats.
CLEARED FOR TV.

CAPUCHINO STORY, THE
14 min, 16mm film, optical sd, b&w
Producer USOE *Agency No.* OE 509
Title No. 199475 *Rental* $7.50 Sale $25.50
Documents a research study using programmed instruction in several classes in government in Capuchino High School, San Bruno, California in 1962. Depicts various stages of the study with particular emphasis on contributions made consistently by teachers throughout the entire study.

CARBIDE WOODWORKING TOOLS - CARE GRINDING
13 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN07977A
Title No. 199530 *Sale* $23.75
Shows how to store and issue carbide woodworking tools, how to handle them for transporting, and how to grind them. Discusses advantages and special characteristics of the tools.

CARBIDE WOODWORKING TOOLS - HOW TO USE
15 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN07977B
Title No. 199532 *Sale* $27.00
Demonstrates the correct use of cemented carbide tools on the vertical spindle shaper, table saw, over-arm radial saw, straight line rip saw, trim saw, bandsaw, lathe, portable router, and multiple head moulder. Shows the method of setting up each machine and safety precautions to be observed.

CARBURETOR, PRINCIPLES OF OPERATION
25 min, 16mm film, optical sd, b&w 1956
Producer USA *Agency No.* TF09-2253
Title No. 001505 *Sale* $43.75
Explains the major components of a carburetor (bore, bowl, and air throttle). Tells how air pressure differential is utilized. Shows application of the Venturi principle, metering, atomization, vaporization and the operation of carburetor circuits (floats, low speed, high speed, accelerator pump, and choke).

***CARDBOARD COW**
15 min, 16mm film, optical sd, col 1966
Producer USDA *Agency No.* 1547
Title No. 200100 *Sale* $70.00
Depicts through the eyes of a little girl the scientific and technological revolution in agriculture. Shows how the results, by-products and benifits of agricultural research affect both town and city.

CARE AND MAINTENANCE OF TAPERED ROLLER BEARINGS
31 min, 16mm film, optical sd, b&w 1941
Producer USA *Agency No.* TF11-0257
Title No. 200185 *Sale* $53.50
Explains how to disassemble, clean, inspect, lubricate, and reassemble tapered roller bearings.

***CARE AND USE OF A PERMISSIBLE FLAME SAFETY LAMP, THE**
28 min, 16mm film, optical sd, col 1967
Producer USBM
Title No. 003565 *Sale* $113.50
Portrays a brief history and early use of the flame safety lamp, a device used for detecting the presence of methane gas and oxygen deficiency in underground mines. In addition, explains the construction of the lamp and how it works.
PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

CARE OF A TRACTOR

22 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 454
Title No. 200350 *Rental* $7.50 *Sale* $38.50

Shows day-by-day operating care of a tractor and importance of periodic inspections. Describes parts of the tractor, including cooling system, fuel system, and ignition system.

From the *FARM WORK* series. Equipment Maintenance, No 6

CARE OF THE CARDIAC PATIENT

33 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 419
Title No. 200525 *Rental* $10.00 *Sale* $56.75

Describes nursing care fiven a cardiac patient, including--comfort, rest, sleep, diet, feeding, elimination, cleanliness, and diversional and occupational therapy.

From the *NURSING* series.

CARE OF THE NEWBORN BABY - THE NURSE'S ROLE IN INSTRUCTING THE PARENTS

31 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 412
Title No. 200650 *Rental* $10.00 *Sale* $53.50

Tells nurse's functions and duties in teaching parents to care for newborn babies. Shows what the nurse can do in the home, clinic, and hospital. Describes how to hold, dress, bathe, and feed a baby.

From the *NURSING* series.

CARE OF THE PATIENT WITH DIABETES MELLITUS COMPLICATED

23 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 418
Title No. 200660 *Rental* $10.00 *Sale* $40.50

Tells nurse's role in the diagnosis and treatment of coma and insulin shock. Describes the role of the nurse, doctor, dietician, and psychiatrist in assisting the patient to develop a healthy mental attitude toward his condition.

From the *NURSING* series.

CARE OF THE PATIENT WITH DIABETES MELLITUS UNCOMPLICATED

29 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 417
Title No. 200662 *Rental* $10.00 *Sale* $50.25

Describes symptoms of diabetes and tells how the nurse teaches the patient to administer insulin injections, regulate diet, and make the benedict test for sugar in the urine.

From the *NURSING* series.

CARE OF THE PATIENT WITH HYDROCEPHALY

35 min, 35mm film strip 1/4 in. audiotape, col 1967
Producer USNMAC *Agency No.* F-1470-X
Title No. 001506 *Sale* $10.00

Describes how the patient with hydrocephaly is cared for at the Plymouth State Home and Training School, Northville, Michigan. It presents some of the physical descriptions of the heart and spinal cord.

CARE OF THE SICK AND INJURED BY HOSPITAL CORPSMEN - CHAIN OF ASEPSIS

28 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN01511F
Title No. 200670 *Sale* $48.75

Designed to indoctrinate hospital corpsmen in sterile techniques and its absolute necessity. Emphasizes importance of sterile linens, pre-operative preparation of the patient, scrub technique, preparation of the operating room, chain of asepsis during an operation.

CAREER DEVELOPMENT

7 min, 16mm film, optical sd, b&w
Producer USOE
Title No. 200850 *Sale* W/DRAWN

Shows the career opportunities available to a teacher's aide.

From the *TEAMS FOR LEARNING* series.

*CAREER EDUCATION

21 min, 16mm film, optical sd, col 1973
Producer USOE
Title No. 003513 *Sale* $85.75

Provides information on the need for restructuring the total educational system to make it relevant in meeting today's needs and the needs of the future. Public education must be focused around the theme of career development in order to achieve this goal.

CAREERS IN OCEANOGRAPHY

28 min, 16mm film, optical sd, col 1965
Producer USN *Agency No.* MN 10063
Title No. 201400 *Sale* $94.50

Presents the challenge and adventure of oceanography and its vital importance to defense and the economy.

CAROTID TRIANGLE

20 min, 16mm film, optical sd, col 1969
Producer USVA *Agency No.* D49A
Title No. 006420 *Sale* W/DRAWN

Demonstrates, on a cadaver, the boundaries of the carotid triangle and exposes the important structures contained therein.

*CAROTID TRIANGLE, THE

12 min, 16mm film, optical sd, col 1969
Producer USVA *Agency No.* D-49A
Title No. 202150 *Sale* $41.50

Demonstrates the deep dissection of the carotid triangle and illustrates major structures with a series of drawings.

CARPENTRY, PT 01, MEASURING, MARKING AND LEVELING TOOLS

18 min, 16mm film, optical sd, b&w 1965
Producer USA *Agency No.* TF05-3548
Title No. 202560 *Sale* $35.25

Teaches the use, capabilities, and care and maintenance of the carpentry hand tools commonly used for measuring, marking, and leveling.

CARPENTRY, PT 02, CHOPPING AND DRIVING TOOLS

14 min, 16mm film, optical sd, b&w 1965
Producer USA *Agency No.* TF05-3549
Title No. 001507 *Sale* $27.00

Teaches the use, capabilities, care and maintenance, and safety measures pertaining to the carpentry hand and power tools used for chopping and driving.

CARPENTRY, PT 03, SAWING AND BORING TOOLS

33 min, 16mm film, optical sd, b&w 1965
Producer USA *Agency No.* TF05-3550
Title No. 202562 *Sale* $58.75

Teaches use, capabilities, care and maintenance, and safety measures pertaining to the hand power tools commonly used in carpentry for sawing and boring.

CARPENTRY, PT 04, PLANING AND CHISELING TOOLS

11 min, 16mm film, optical sd, b&w 1965
Producer USA *Agency No.* TF05-3551
Title No. 202563 *Sale* $19.25

Features and use of bench plane and framing chisel and demonstration of cleaning, sharpening, smoothing, oiling and proper storage are shown.

CARRIER ACTION OFF KOREA

13 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN09272
Title No. 202575 *Sale* $23.75

Shows activities of U.S. Navy airplane carriers and planes during the Korean war.

CASE METHOD OF INSTRUCTION, THE, PT 1

19 min, 16mm film, optical sd, b&w 1959
Producer USA *Agency No.* TF20-2834
Title No. 203100 *Sale* $33.75

Shows principles, application and value of method, role of instructor, and how issues of case in point and plausible solutions grow out of discussion process.

CASE METHOD OF INSTRUCTION, THE, PT 2
23 min, 16mm film, optical sd, b&w 1959
Producer USA *Agency No.* TF22-2835
Title No. 203101 *Sale* $40.50
Shows how one instructor handles a case discussion concerning the relationship between the commanding officer of a supply depot and his executive officer. The instructor assigns the various roles of the persons involved in the case to the students in order to maximize class participation in the ensuing discussion. The important issues of the cases are developed in the discussion process. The instructor reviews the facts and the class reaches its conclusions as to the best course of action to resolve the problem.

CASE METHOD OF INSTRUCTION, THE, PT 3
19 min, 16mm film, optical sd, b&w 1959
Producer USA *Agency No.* TF22-2836
Title No. 203102 *Sale* $33.75
Shows how another instructor handles a second case discussing - the value of the case method in training executives and logistic managers in reiterated.

CASE OF COMRADE 'T', THE
23 min, 16mm film, optical sd, col 1956
Producer USDOD *Agency No.* DOD IS 01
Title No. 000371 *Sale* $78.25
Tells of a Communist agent who is reprimanded by his superiors for his failure to secure secret information from industrial plants and of his explanation, through flashbacks, of specific instances of successes and failures.

CATALASE TEST, THE
6 min, 16mm film, optical sd, col
Producer USNMAC *Agency No.* M-1754
Title No. 203575 *Sale* $25.50
Demonstrates a simple and rapid test for differentiating catalase positive from catalase negative organisms.

CATHETERIZATION OF THE PARALYTIC PATIENT
5 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No.* M-0964
Title No. 203724 *Sale* $18.00
Shows the technique used in catherizing a paralytic patient. Content--(1) precautions to prevent infection, (2) complete procedure of inserting and operating catheter.

CATHODE FOLLOWER
26 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-434
Title No. 203750 *Sale* $54.75
Discusses the purpose of a cathode follower and describes its identifying features. Explains purpose of a resistor and capacitor in the plate circuit. Shows the phase relationship of the input and output signals, and problems to determine voltage and power gain are solved. Shows the frequency response and reasons for the wide frequency response. (Kinescope)

CATHODE RAY TUBE, THE - HOW IT WORKS
15 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN 2104A
Title No. 203900 *Rental* $7.50 Sale $27.00
Demonstrates the construction and function of various parts of the cathode ray tube. Explains electrostatic and electromagnetic deflection and how varied currents affect the position of the spot of light on the scope.

• **CAUSE FOR CONCERN, A**
23 min, 16mm film, optical sd, col 1970
Producer USN *Agency No.* MN10983
Title No. 204493 *Sale* $76.75
Illustrates community relations existing between the naval Training Center, Bainbridge and the city of Baltimore during project Camp Concern.

• **CAUSES AND PREVENTION OF MINE FIRES AND EXPLOSIONS**
27 min, 16mm film, optical sd, col 1966
Producer USBM
Title No. 003564 *Sale* $111.50
Illustrates and explains the various possible causes of mine fires and explosions. Demonstrates an actual explosion at the Bureau of Mines experimental coal Mines and illustrates methods of prevention.
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CAVITY PREPARATION
11 min, 16mm film, optical sd, col 1948
Producer USN *Agency No.* MN05369B
Title No. 000372 *Sale* $37.25
Complete operation supplemented by animated models showing close views and cavity forms.

CAVITY RESONATORS
28 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-908
Title No. 204801 *Sale* $58.50
Defines a cavity resonator and shows the step-by-step development of a cylindrical cavity resonator. Explains how the physical dimensions and shape of the cavity determine the primary resonant frequency. Explains that energy in a cavity is comprised of electric fields and magnetic fields, and how to distinguish between the two. Using a model of a cavity resonator, demonstrates capacitive and inductive tuning of a cavity resonator. (Kinescope)

CD EMERGENCY PREPAREDNESS AT THE MARSHALL SPACE FLIGHT CENTER
15 min, 16mm film, optical sd, col 1969
Producer USOCD
Title No. 204805 *Sale* $60.00
Includes basic elements of civil defense program, such as warning, shelters, the emergency broadcast system (EBS), radiological defense (RADEF), shelter manager training, communications, community shelter planning, and a simulation of persons going to shelter. Shows a mock attack exercise at the Marshall Space Flight Center at Huntsville, Alabama.
NOT CLEARED FOR TV

CELEBRATIONS
19 min, 16mm film, optical sd, col 1966
Producer USIA *Agency No.* 01-02631
Title No. 205155 *Rental* W/DRAWN Sale W/DRAWN
Shows celebrations which are retained from the 'old country' by Americans of diverse ethnic and national origins. Includes the Feast of San Gannaro, Blessing of the Animals, the Chinese New Year, zuni Indian Dances, the Mexican Pinata festival, and an Italian-American wedding.

CELESTIAL GUIDANCE FOR FIGHTER PILOTS
21 min, 16mm film, optical sd, b&w 1957
Producer USAF *Agency No.* TF01-5120
Title No. 205180 *Sale* $37.00
Describes techniques and procedures necessary for a fighter pilot to determine his exact location and reach his destination with pin-point accuracy with only the stars to guide him. Explains mathematical and measuring procedures, course line and speed line, line of position, sextant reading, and the importance of posting correct time and similar information on celestial work-sheets. Shows a night celestial training mission of an F84f to illustrate pre-flight preparations and actual flight procedures.
THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY.

CELLULAR AND MOLECULAR ASPECTS OF THE IMMUNE RESPONSE
43 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No.* T-1508
Title No. 205750 *Sale* $88.00
Presents a lecture on various types of immune responses to different classes of antigens, and explores the cellular and molecular events involved. (Kinescope)

• INDICATES NEW ENTRY

CENTERING SMALL STOCK
12 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No* OE 039
Title No 206050 *Rental* $7.50 *Sale* $22.25
Shows the tools and methods used when locating the center of round, square and rectangular pieces.
From the *MACHINE SHOP WORK* series. Bench Work, No. 7.

CENTERING, EDGE GRINDING AND BEVELING
27 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 185
Title No 206075 *Rental* $10.00 *Sale* $47.00
Tells how to center lenses by collimator, set up lenses for edge-ar , bevel-grinding in single spindle or two spindle machine, and edge- and bevel-grind lenses.
From the *OPTICAL CRAFTMANSHIP* series. Spherical Surfaces.

CENTERS OF LEARNING
30 min, 16mm film, optical sd, col 1961
Producer USIA *Agency No* 01-02703
Title No 206080 *Rental* W/DRAWN *Sale* W/DRAWN
Shows such representative types of U.S. institutions of higher learning as University of Pittsburgh, Colorado school of Mines, Goucher College for Women, California Institute of Technology, Wittenberg University and Harvard. Stresses freedom of choice for students and freedom of universities to teach without restriction.

CENTRIFUGAL AIR CONDITIONING EQUIPMENT PRINCIPLES AND OPERATIONS
20 min, 16mm film, optical sd, col 1969
Producer USN *Agency No* MN10341A
Title No 206436 *Sale* $80.25
Describes operating principles of centrifugal air conditioning equipment.

CERAMIC FUEL FABRICATION DEVELOPMENT FOR PRTR
27 min, 16mm film, optical sd, col 1962
Producer USAEC
Title No 001508 *Sale* $162.50
Gives a detailed technical explanation of three processes developed by hanford laboratories for the fabrication of UO-2 fuel elements used in the plutonium recycle test reactor (PRTR).

CERAMICS IN SPACE
20 min, 16mm film, optical sd, col 1968
Producer USNASA *Agency No* HQ 142
Title No 206739 *Sale* [illegible]
Shows the use of ceramics as a typical field of scientific study; shows how a graduate student develops the academic discipline needed to conduct original research including--search of scientific literature, definition of the problem, design, and analysis.

* **CERTAIN BREED OF MAN, A**
28 min, 16mm film, optical sd, col 1971
Producer USN *Agency No* MN-11207
Title No 002009 *Sale* $113.50
Shows the Naval Air Reserve Carrier Attack Wing 20 aboard the U.S.S. John F. Kennedy.

* **CERTAIN DISTANCE, A**
29 min, 16mm film, optical sd, col 1970
Producer USDA *Agency No* 1016
Title No 003790 *Sale* $120.00
Covers bark beetle damage in South Dakota, range inventory in Colorado, smog damage to forests in California, and forest inventory in the Mississippi Valley using initial photos from the Apollo IX space orbit. The film can also be useful in a general introduction to the subject of remote sensing from airplanes.

CHALLENGE OF IDEAS, THE
31 min, 16mm film, optical sd, b&w 1961
Producer USDOD *Agency No* AFIF 0098
Title No 207570 *Rental* $10.00 *Sale* $53.50
Analyzes the basic ideological differences between "the American way" and the Communist state. Describes the objectives and techniques used by the USSR to influence the peoples of the world and emphasizes the importance of keeping the United States strong spiritually and morally.

CHALLENGE OF THE UNKNOWN, THE
25 min, 16mm film, optical sd, col 1967
Producer USAF *Agency No* SFP 1542
Title No 027860 *Rental* $12.50 *Sale* $84.75
Depicts Air Force scientific research activities on matter, energy, life and the atom. Points out the wonders of science and developments. Describes progress in missile, aircraft and space projects.
CLEARED FOR TV

CHALLENGE OF UNANSWERED QUESTIONS, THE
16 min, 16mm film, optical sd, col 1968
Producer USNASA *Agency No* HQ 148
Title No 207865 *Sale* $64.25
Presents the principal features of the aurora--one of the most mysterious and fascinating of natural phenomena. Shows the theories of its cause and the instruments and techniques used in studying it. Shows the life and experiences of a graduate student working under DR. Sydney Chapman at the Geophysical Institute, University of Alaska.

* **CHALLENGING CAREERS IN CHEMISTRY**
24 min, 16mm film, optical sd, col 1962
Producer USDA *Agency No* 1407-1
Title No 208150 *Sale* $103.00
Discusses the role of chemists in the creation of new products for industry from agricultural commodities. Shows the types of research conducted by the Department of Agriculture. Includes the development of lifesaving pharmaceuticals from corn and a workable technique for removing dangerous radio-nuclides from milk on a commercial scale.

CHANCE TO BE SOMEBODY, A
28 min, 16mm film, optical sd, col 1965
Producer USOEO
Title No 001509 *Sale* $71.25
Describes a staff and teacher recruiting film designed for community public relations and trainee recruiting. Also shows the residential actualities of a Job Corps center.

* **CHANGING**
30 min, 16mm film, optical sd, col 1971
Producer USNIMH
Title No 002010 *Rental* $12.50 *Sale* $78.50
Demonstrates the quality of life as its impact is felt by a young family trying to reorient themselves in a society of conflicting standards and values. Hardhat, hippie, square, straight--the terms become blurred when you just try to find the lifestyle that suits you best. Puts the drug question in perspective as it relates to adults and the total society.
From the *SOCIAL SEMINAR* series.

CHAPLAIN AND THE COMMANDER, THE
29 min, 16mm film, optical sd, b&w 1962
Producer USA *Agency No* TV 532
Title No 209624 *Sale* W/DRAWN
Depicts the role of the Army chaplain--his religious services, pastoral activities, and duties as a staff officer.
From the *BIG PICTURE* series.
OTHER FORMAT(S) or VERSION(S)
29 min, 16mm film, optical sd, b&w 1962
Producer USA *Agency No* TF16-3202
Title No 209625 *Sale* $50.75

CHARACTERISTICS OF CRYSTALS
22 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-513
Title No 209755 *Sale* $46.25
Stresses the importance of frequency stability and introduces the crystal controlled oscillator as a possible device used to obtain this stability. Explains the piezoelectric effect of a crystal, lists types of crystals having the piezoelectric effect, and points out the relationship between crystal thickness and frequency. Explains and shows graphically the various crystal cuts. Explains the Q of the crystal circuit and discusses both the physical dimensions and electrical characteristics of a typical crystal. (Kinescope)

CHARGING AND OPERATING A CUPOLA
14 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 437
Title No. 209975 *Rental* $7.50 *Sale* $25.50
Describes essential parts of the cupola. Lists steps to follow in firing, charging and operating a cupola and explains the cycle of operations involved in the melting process.
From the *FOUNDRY WORK* series. Melting Practice

CHARGING STORAGE BATTERIES
16 min, 16mm film, optical sd, b&w 1943
Producer USA *Agency No.* TF11-1219
Title No. 210050 *Sale* $28.50
Explains the charging, care, and preparation of storage batteries, and constant voltage methods and modifications.

CHARLEY RUSSELL'S FRIENDS
10 min, 16mm film, optical sd, col 1959
Producer USIA *Agency No.* 01-02449
Title No. 210502 *Rental:* W/DRAWN *Sale:* W/DRAWN
Depicts Charley Russell's paintings of the West as he knew and loved it which reveal the American cowboy artist's traits and show people who were his friends. Includes the dedication, attended by Montana's two senators, of a statue of Russell which has been placed in statuary hall in Washington, D.C.

CHARLIE
22 min, 16mm film, optical sd, col 1967
Producer USFAA *Agency No.* FA-0618
Title No. 210550 *Sale* $80.25
As the narrator of this dramatic presentation says-people do drink and fly, and they do get away with it. Dr. Charlie Preston works hard but he also knows when to let up. And like a lot of us, he does enjoy a drink. The fact is that a man's judgment is changed by alcohol-even a little of it.
CLEARED FOR TV.

***CHART STORY, A**
2 min, s8mm cartridge, optical sd, col
Producer USBEH
Title No. 003379 *Sale* $16.75
Sold only in a cartridge with I wanna know. Presents short insights into home and school education of the profound hearing impaired.

CHARTS
18 min, 16mm film, optical sd, b&w 1942
Producer USN *Agency No.* MN00083B
Title No. 210700 *Rental* $7.50 *Sale* $32.00
Explains the meaning, advantages, and limitations of mercator, gnomonic, and lambert conformal projections.

CHECKING AND REPLACING A FLOAT VALVE
19 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 445
Title No. 210950 *Rental* $7.50 *Sale* $33.75
Describes the functions of two basic types of float valves--high side float and low-side float. Explains how to correct troubles in both types and how to replace high-side float.
From the *REFRIGERATION SERVICES* series. Domestic Units, No. 8

CHECKING THE SYSTEM, PT 1, GENERAL PROCEDURE
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 438
Title No. 211100 *Rental* $7.50 *Sale* $30.50
Explains how to install gages in a domestic refrigerator, clean the condenser and oil the motor of an open-type refrigeration unit and check operation pressures, compressor performance, and temperature range of the cooling unit.
From the *REFRIGERATION SERVICE* series. Domestic Units, No. 1

CHECKING THE SYSTEM, PT 2, TROUBLE SHOOTING
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 439
Title No. 211101 *Rental* $7.50 *Sale* $30.50
Explains how to determine causes of several common refrigeration troubles, such as 'unit will not run,' 'unit runs continuously,' 'improper refrigeration of food, but unit freezes ice cubes.'
From the *REFRIGERATION SERVICE* series. Domestic Units, No. 2

CHEMICAL LAB SAFETY
25 min, 16mm film, optical sd, col 1961
Producer USNMAC *Agency No.* M-0445
Title No. 211850 *Sale* $84.75
Several simulated chemical lab 'accidents' are depicted along with suggestions for their prevention and tips for general safety precautions in routine lab activities.

CHEMICAL SAFETY IN AERIAL APPLICATION
13 min, 16mm film, optical sd, col 1966
Producer USFAA *Agency No.* FA-0616
Title No. 212298 *Sale* $48.50
Explains the care and safety precautions to be used in handling toxic chemicals used in aerial application.
CLEARED FOR TV.

CHEMICAL TECHNIQUES - ESTIMATION OF BLOOD GLUCOSE, FOLIN-WU AND SOMOGYI METHODS
12 min, 16mm film, optical sd, col 1956
Producer USN *Agency No.* MN093751
Title No. 000373 *Sale:* W/DRAWN
Shows step-by-step the procedure for estimating blood glucose in the clinical laboratory, using either of the two methods.

CHEMICAL TECHNIQUES - ESTIMATION OF BLOOD GLUCOSE, SUNDERMAN-FULLER METHOD
5 min, 16mm film, optical sd, col 1956
Producer USN *Agency No.* MN09375U
Title No. 000374 *Sale:* W/DRAWN
Demonstrates, step-by-step, the procedure of a modified true benedict method, as developed by Sunderman and Fuller, for the estimation of blood glucose.

CHEMICAL TECHNIQUES - FOLDING A FILTER PAPER
3 min, 16mm film, optical sd, col 1956
Producer USN *Agency No.* MN09375Q
Title No. 000389 *Sale:* W/DRAWN
Demonstrates the technique of folding a filter paper for use when filtering solutions in laboratory determination.

CHEMICAL TECHNIQUES - PROTEIN-FREE FILTRATE, FOLIN-WU METHOD
5 min, 16mm film, optical sd, col 1956
Producer USN *Agency No.* MN09375T
Title No. 000375 *Sale:* W/DRAWN
Shows detailed procedure for the preparation of a protein-free filtrate, for use in making certain clinical labortory determinations.

CHEMICAL TECHNIQUES - PROTEIN-FREE FILTRATE, SOMOGYI METHOD
4 min, 16mm film, optical sd, col 1956
Producer USN *Agency No.* MN09375V
Title No. 000376 *Sale:* W/DRAWN
Demonstrates the procedure involved in preparing a protein-free filtrate for use in clinical laboratory determinations, by the Somogyi method, utilizing barium hydroxide.

CHEMICAL TECHNIQUES - PROTEIN-FREE FILTRATE, TUNGSTIC ACID METHOD
5 min, 16mm film, optical sd, col 1956
Producer USN *Agency No.* MN09375R
Title No. 000390 *Sale:* W/DRAWN
Shows alternate procedures for the preparation of protein-free filtrate for use in clinical laboratory determination, utilizing a tungstic acid reagent.

CHICK EMBRYO TECHNIQUES
15 min, 16mm film, optical sd, b&w 1951
Producer USNMAC *Agency No.* M-0042
Title No. 213451 *Sale* $27.00
Demonstrates methods of using chick embryos in virus and rickettsia laboratory procedures, including incubating and candling, drilling and opening shells, inoculating, windowing, incubating, and harvesting chrioallantois, allantoic fluid, amniotic fluid, yolk, and embryo. Recommended for professional use.

CHINESE REDS ENTER WAR
21 min, 16mm film, optical sd, b&w 1951
Producer USDOD *Agency No.* CB 104
Title No. 217390 *Sale* $37.00
Shows military operations in Korea from October 20 to November 20, 1950.
THIS FILM HAS BEEN DECLARED HISTORICAL FOR USE WITHIN THE SPONSORING AGENCY.

*** CHINYANJA - BASIC COURSE**
15 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 001510 *Sale* $48.75
Cassettes and accompanying text are both available for $50.50.
OTHER FORMAT(S) or VERSION(S)
30 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004048 *Sale* $83.50
Tape set and accompanying text are both available for $85.25.

CHISELS
12 min, 16mm film, optical sd, b&w 1943
Producer USA *Agency No.* TF09-2028
Title No. 217550 *Sale* $22.25
Shows the various types of cold chisels, and demonstrates proper techniques and safety precautions to be observed in using them.
From the *CARE AND USE OF HAND TOOLS* series. No. 3

CHOLERA EPIDEMIC IN SOUTH VIETNEM
10 min, 16mm film, optical sd, b&w 1966
Producer USNMAC *Agency No.* M-0837
Title No. 217920 *Sale* $17.50
Shows an outbreak of cholera in South Vietnam and the steps taken by a Navy medical team to bring it under control. Filmed in saigon, this fast-paced documentary features resourceful methods of treatment pioneered by renowned cholera expert, Captain Robert Philips.

CHOLERA TODAY--BEDSIDE EVALUATION AND TREATMENT
19 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1012
Title No. 217900 *Sale* $64.25
Provides current information on the methods and equipment used in the evaluation and treatment of cholera patients. Illustrates the patient's symptoms and his facial and physiological reactions to treatment. Shows how to prepare IV fluids in the field where they are not commercially available.

CHOLERA TODAY, PT 2, PRACTICAL LABORATORY DIAGNOSIS
18 min, 16mm film, optical sd, col 1968
Producer USNMAC *Agency No.* M-1478
Title No. 217875 *Sale* $61.00
Illustrates practical and simple laboratory techniques that prove whether one is dealing with cholera or not. This is performed with minimum equipment which should be available in any country.

CHOLESTEROL-LECITHIN FLOCCULATION TEST FOR SCHISTOSOMIASIS
9 min, 16mm film, optical sd, col
Producer USNMAC *Agency No.* M-1154
Title No. 000377 *Sale* $29.25
Presents the technique for preparing cholesterol-lecithin cercarial antigen and performing the Anderson schistosoma slide flocculation test for the diagnosis of schistosomiasis. Necessary equipment and reagents are indicated and the preparation of the test antigen is shown in detail. Performance and reading of the test are shown.

CHROMOSOME LABELING BY TRITIUM
15 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No. 001512 *Sale* $76.75
Discusses the advantages of tritium over other radioisotopes as labeling material in autoradiography.

CHRONIC BRONCHITIS AND PULMONARY EMPHYSEMA. THE APPLICATION OF PHYSICAL MEDICINE AND ...
24 min, 16mm film, optical sd, col 1964
Producer USNMAC *Agency No.* M-822
Title No. 001511 *Sale* $81.50
FULL TITLE--CHRONIC BRONCHITIS AND PULMONARY EMPHYSEMA, THE APPLICATION OF PHYSICAL MEDICINE AND REHABILITATION PT 2. Gives Results from a Study Concerning Treatment and Rehabilitation of Patients With Chronic Bronchitis And emphysema. Discusses Postural Drainage, Breathing Exercises, and Usual Clinical Methods Can Increase Patient'S TOlerance to Daily Activities and Permit Him to Return to Vocational Pursuit.

CHRONIC OBSTRUCTIVE PULMONARY DISEASE- BREATHING PATTERNS
5 min, 16mm film, optical sd, col 1968
Producer USNMAC *Agency No.* M-1569
Title No. 219775 *Sale* $18.00
Shows patterns of breathing and how to teach them to a patient with chronic obstructive pulmonary disease.

CHRONIC OBSTRUCTIVE PULMONARY DISEASE- DIAPHRAGMATIC BREATHING
7 min, 16mm film, optical sd, col 1968
Producer USNMAC *Agency No.* M-1571
Title No. 219778 *Sale* $24.50
Shows method for correcting faulty breathing patterns of the patient with chronic obstructive pulmonary disease with the ultimate goal of restoring normal use of the diaphragm.

CHRONIC OBSTRUCTIVE PULMONARY DISEASE-- INTERMITTENT POSITIVE PRESSURE BREATHING
6 min, 16mm film, optical sd, col 1968
Producer USNMAC *Agency No.* M-1570
Title No. 219780 *Sale* $21.25
Explains how to teach a patient with chronic obstructive pulmonary disease to use a mechanical respirator as an adjunct to the total respiratory rehabiliation program.

CHRONIC OBSTRUCTIVE PULMONARY DISEASE-- THE USE OF OXYGEN IN PHYSICAL THERAPY ...
6 min, 16mm film, optical sd, col 1968
Producer USNMAC *Agency No.* M-1572
Title No. 219783 *Sale* $25.50
FULL TITLE--CHRONIC OBSTRUCTIVE PULMONARY DISEASE-- USE OF OXYGEN IN PHYSICAL THERAPY MANAGEMENT. Shows how various machines, depending on the particular need, are used to supply oxygen to the patient with chronic obstructive pulmonary disease.

CHUCK WORK, PT 2, SETTING UP TOOLS FOR COMBINED CUTS
16 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 214
Title No. 219726 *Rental* $7.50 Sale $28.50
Tells how to set up tools for the square turret, make combined cuts, set cross-slide and carriage stops, set up the speed preselector, and perform a sequence of operations efficiently.
From the *MACHINE SHOPWORK* series. Operations on the Turret Lathe, No. 3

*** CICADA**
10 min, 16mm film, optical sd, b&w 1939
Producer USDA *Agency No.* 812-8
Title No. 003789 *Sale* $15.00
Presents the life story of the 17-year locust.

* INDICATES NEW ENTRY

*CICADA, THE

19 min, 16mm film, optical sd, b&w 1936
Producer USDA *Agency No* 729-R
Title No 004165 *Sale* $48.00

Uses time lapse photography to show the life cycle of the mysterious seventeen-year locust.

CIRCUIT TESTING WITH METERS AND MULTIMETERS, PART II, - PRACTICAL APPLICATION

37 min, 16mm film, optical sd, b&w 1961
Producer USA *Agency No* TF11-1667
Title No 220435 *Sale* $63.50

Demonstrates how to use meters in testing transformers, capacitors, resistors, and telephone loop circuits.

CIRCUMFERENTIAL INTRACORONAL TEMPORARY IMMOBILIZATION TECHNIQUE

13 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No* D-28-PE
Title No 000378 *Sale* $44.75

An effective method of stabilizing loose teeth is demonstrated. Circumferential wiring immobilizes the entire segment of teeth and is not esthetically undersirable because the wire is ultimately covered with resin.

CIRRHOSIS WARD ROUNDS AT THE LEMUEL SHATTUCK HOSPITAL, PT 1

30 min, 16mm film, optical sd, b&w 1966
Producer USNMAC *Agency No* T-1845-X
Title No 221500 *Sale* $60.50

Presents one patient with acute alcoholic hepatitis and another with intractable ascites. Discussed by Thomas C Chalmers, MD, Edward W Moore, MD, Donald E Wilson, MD, and Anne Long, RN, Lemuel Shattuck Hospital. (Kinescope)

CIRRHOSIS WARD ROUNDS AT THE LEMUEL SHATTUCK HOSPITAL, PT 2

30 min, 16mm film, optical sd, b&w 1966
Producer USNMAC *Agency No* T-1846-X
Title No 221503 *Sale* $60.50

Presents one patient with acute alcoholic hepatitis and another with intractable ascites. Discussed by Thomas C Chalmers, MD, Edward W Moore, MD, Donald E Wilson, MD, and Anne Long, RN, Lemuel Shattuck hospital. (Kinescope)

*CITIES IN QUEST OF TOMORROW

28 min, 16mm film, optical sd, col 1970
Producer USHUD
Title No 221784 *Sale:* W/DRAWN

Examines the model cities program and its initial effect on the city of Trenton, New Jersey. Shows the necessity for meaningful participation by residents of the model cities target area and the community at large.

CITY LETTER CARRIER

15 min, 16mm film, optical sd, col 1969
Producer USPO
Title No 222960 *Sale* $62.25

Depicts a day in the life of a 'mail man'--his routine duties and dedication to the neighborhood he serves.

CITY OF ROME INCIDENT

5 min, 16mm film, optical sd, col 1942
Producer USN *Agency No* MN00202D
Title No 000379 *Sale* $18.00

Dramatizes how 37 men in a submarine met their death because of improper placement of running lights and disregard for rules of the nautical road.

CITY, THE - TIME OF DECISION

26 min, 16mm film, optical sd, col 1967
Producer USIA *Agency No* 01-02687
Title No 223460 *Rental:* W/DRAWN Sale: W/DRAWN

Discusses the growing problems of U S cities and measures to relieve them. Includes such items as slum clearance and urban renewal, traffic congestion, electric transport, pollution control and 'new towns.'

CIVIL DISTURBANCES - PRINCIPLES OF CONTROL

35 min, 16mm film, optical sd, col 1968
Producer USA *Agency No* TF19-3950
Title No 223620 *Rental* $15.00 Sale $117.50

Illustrates the principles and techniques of control applicable to staged demonstrations, professional agitators, full force riots, looting, arson, and snipers. Deals with preventive measures to restore law and order during and after large scale disturbances.

*CIVIL DISTURBANCES, PT 2, PLANNING FOR CONTROL

33 min, 16mm film, optical sd, col 1970
Producer USA *Agency No* TF19-3951
Title No 006434 *Sale* $132.75

Shows an overall view of the advance planning necessary for control of civil disturbances by local, state, and federal authorities. Focus is placed on the four major planning areas--intelligence, personnel, logistics, and operations.

CIVILIAN APPLICATIONS OF NUCLEAR EXPLOSIVES

13 min, 16mm film, optical sd, col 1964
Producer USAEC
Title No 001514 *Sale* $53.00

Surveys the technical progress made in developing scientific and industrial applications for nuclear explosives. Analyzes two modes of application for nuclear explosives from studies of forty-two nuclear explosions.

CIVILIAN GUARD SERVICES

29 min, 16mm film, optical sd, b&w 1959
Producer USA *Agency No* TF19-2772
Title No 224224 *Sale* $60.50

Shows security procedures and devices used within and outside military installations and industrial plants. Describes duties of static, foot or vehicular patrol, escort and riot guards.

CLEARED FOR TV.

CIVILIAN SAILOR - THE STORY OF THE NAVAL RESERVE

28 min, 16mm film, optical sd, col 1970
Producer USN *Agency No* MN10905
Title No 224230 *Sale* $113.50

Describes the role and importance of the Naval Reserve to national security and the material benefits and accomplishments.

CLEARED FOR TV.

CLASP TYPE-CLINICAL AND LABORATORY PROCEDURES CONSTRUCTING THE OCCLUSAL TEMPLATE,...

12 min, 16mm film, optical sd, col
Producer USVA *Agency No* D-67-RP
Title No 224701 *Sale* $41.50

FULL TITLE--CLASP TYPE-CLINICAL AND LABORATORY PROCEDURES-CONSTRUCTING THE OCCLUSAL TEMPLATE-ARRANGEMENT OF TEETH-LABORATORY PROCEDURE. When the occlusal path record has been successfully completed an occluding template that incorporates all the excessive movements and static positions is constructed for a simple hinge type articular. The replacement teeth are adjusted and properly fitted to the opposing occlusion in harmony with existing dentation and the components of occlusion.

CLASP TYPE-CLINICAL AND LABORATORY PROCEDURES FINISHING, OCCLUSAL CORRECTION, INSERTION ...

13 min, 16mm film, optical sd, col
Producer USVA *Agency No* D-68-RP
Title No 006430 *Sale* $44.75

FULL TITLE--CLASP TYPE-CLINICAL AND LABORATORY PROCEDURES-FINISHING, OCCLUSAL CORRECTION, INSERTION AND ADJUSTMENT. Shows relief and adjustment of critical areas of the framework and saddles of the removable partial denture will contribute to the continued oral health of the oral tissues. The areas requiring modification and occlusal adjustments by both laboratory remounting and direct check bites are systemically presented.

* INDICATES NEW ENTRY

CLASP TYPE-CLINICAL AND LABORATORY PROCEDURES IMPRESSION AND PREPARATION OF THE MASTER...
12 min, 16mm film, optical sd, col
Producer USVA *Agency No.* D-66-RP
Title No. 006431 *Sale* $43.00

FULL TITLE--CLASP-CLINICAL AND LABORATORY PROCEDURES-IMPRESSION AND PREPARATION OF THE MASTER CAST FOR THE LABORATORY. Shows the impression procedures using alginate to produce accurate casts. The surveyor is used on the resultant cast to determine the accuracy of the planned mouth preparations. Relief wax is added to areas of the master cast necessary to create proper relief for freedom and function.

CLASP TYPE-CLINICAL AND LABORATORY PROCEDURES MOUTH PREPARATION PROCEDURES
13 min, 16mm film, optical sd, col
Producer USVA *Agency No.* D-61-RP
Title No. 224696 *Sale* $44.75

Following the development of a detailed treatment plan, mouth preparation procedures are initiated demonstrates the preparation of abutment teeth for three-quarter crons and splinting, impression procedures and surveying of the patterns incident to developing guide plans and positive retentive areas.

CLASP TYPE-CLINICAL AND LABORATORY PROCEDURES THE OCCLUSAL PATH RECORD
15 min, 16mm film, optical sd, col
Producer USVA *Agency No.* D-53-RP
Title No. 224703 *Sale* $52.75

The generated path or occlusal path record is relatively simple method of developing a harmonious occlusion, particularly when artificial teeth must oppose natural dentation. This method makes it possible to record jaw relations under actual mastercation conditions. The technical procedures incident to registering the occlusal path are demonstrated.

CLASP TYPE-CLINICAL AND LABORATORY PROCEDURES PRELIMINARY EXAMINATION AND PROCEDURES FOR...
13 min, 16mm film, optical sd, col
Producer USVA *Agency No.* D-59-RP
Title No. 224698 *Sale* $44.75

FULL TITLE--CLASP TYPE-CLINICAL AND LABORATORY PROCEDURES PRELIMINARY EXAMINATION AND PROCEDURES FOR DIAGNOSIS. Illustrates the examination is the basis for diagnosis. Extra-oral inspection, as well as careful examination of the soft and hard intraoral tissues, the preliminary impressions and the interocclusal record to mount the study casts are presented in orderly sequence.

CLASP TYPE-CLINICAL AND LABORATORY PROCEDURES PRELIMINARY SURVEY OF STUDY CAST, TENTATIVE...
11 min, 16mm film, optical sd, col
Producer USVA *Agency No.* D-60-RP
Title No. 224699 *Sale* $38.25

FULL TITLE--CLASP TYPE-CLINICAL AND LABORATORY PRO- SURVEY OF STUDY CAST, TENTATIVE DESIGN AND DETAILED TREATMENT PLANNING. Shows the planning for treatment is based on the information achieved from mounted study casts, the oral examination, radiographs, general patient information, as well as an accurate survey of the casts. These procedures are explained in detail and the tentative design of the appliance, compatible with the oral conditions and biological requirements, developed.

CLASP TYPE-CLINICAL AND LABORATORY PROCEDURES PRE-DELIVERY, CASTING ADJUSTMENT, LABORATORY...
9 min, 16mm film, optical sd, col
Producer USVA *Agency No.* D-69-RP
Title No. 224697 *Sale* $32.00

FULL TITLE--CLASP TYPE-CLINICAL AND LABORATORY PROCEDURES-PRE-DELIVERY CASTING ADJUSTMENT-LABORATORY PROCEDURES. Shows certain arbitrary relief procedures should be accomplished on the removable partial denture casting to remove any potential interferences that may resist complete seating of the appliance. The area that required adjustment and the methods to obtain the necessary alterations are graphically described.

CLASP TYPE-CLINICAL AND LABORATORY PROCEDURES RECORDING EDENTULOUS RIDGE CONTOUR,...
16 min, 16mm film, optical sd, col
Producer USVA *Agency No.* D-52-RP
Title No. 224702 *Sale* $56.00

FULL TITLE--CLASP TYPE-CLINICAL AND LABORATORY PROCEDURES-RECORDING EDENTULOUS RIDGE CONTOUR-CORRECTABLE WAX IMPRESSIONS. Shows the metodology for fluid was impressions of the edentulous ridges in distal extension removable partial dentures, is demonstrated. This procedure is intended to enhance the stability and retention of the prosthesis and reduce the stress on the remaining teeth.

CLASS III RESTORATIONS
6 min, 16mm film, optical sd, col 1967
Producer USVA *Agency No.* D-004
Title No. 224723 *Sale* W/DRAWN

A single concept film. for a descriptive statement, see the series title.

From the *OPERATIVE DENTISTRY - ADVANCED CONCEPTS Series.*

CLEAN AIR IS A BREEZE - AIRBORNE CONTAMINATION CONTROL THROUGH LAMINAR AIR FLOW
16 min, 16mm film, optical sd, col 1965
Producer USAEC
Title No. 001515 *Sale* $63.50

Illustrates common sources of air-borne contamination to show that the world is contaminated by a variety of airborne particles. Shows the difficulties of manufacturing precision devices in such a contaminated world, and describes earlier attempts to clean air for industrial processes. Explains the theory and basic operating principles of laminar air flow systems, shows the variety of laminar air flow devices now available, and illustrates the application of such devices to industrial processes, research and development problems, and to the field of medical care and medical research.

CLEAN HANDS
35 2x2 slides, 1/4 in. audiotape, col 1970
Producer USFDA
Title No. 001516 *Sale* $9.25

Stresses the importance of one's hands in food production and the need for keeping them clean and sanitary. Harry, the food plant worker, demonstrates hand washing techniques. Designed for in-plant training of food plant employees and food handlers.

● **CLEAN HANDS (SPANISH)**
35 2x2 slides, 1/4 in. audiotape, col 1970
Producer USFDA
Title No. 001517 *Sale* $9.25

Stresses the importance of one's hands in food production and the need for keeping them clean and sanitary. Harry, the food plant worker, demonstrates hand washing techniques. Designed for in-plant training of food plant employees and food handlers.

CLEAN WATER MAKES GOOD HEALTH
10 min, 16mm film, optical sd, b&w 1953
Producer USIA *Agency No.* 46-00749
Title No. 226149 *Rental:* W/DRAWN Sale: W/DRAWN

Explains the government of India's village sanitation improvement program, especially the building of wells.

CLEANING EQUIPMENT AND CONTAINERS
28 min, 16mm film, optical sd, b&w 1946
Producer USPHS *Agency No.* MIS-0175
Title No. 226205 *Sale* $48.75

Demonstrates methods for cleaning and bactericidal treatment of cans, bottles, piping, and other equipment following the routine of flush, scrub, rinse, and sterilize. User should supplement film with current data.

CLEANING EQUIPMENT AND CONTAINERS (FRENCH)
28 min, 16mm film, optical sd, b&w 1946
Producer USPHS *Agency No.* M-1033-FR
Title No. 226206 *Sale* $48.75
Demonstrates methods for cleaning and bactericidal treatment of cans, bottles, piping and other equipment following the routine of flush, scrub, rinse and sterilize.
From the *SMALL MILK PLANT OPERATION* series.

CLEANING EQUIPMENT AND CONTAINERS (SPANISH)
28 min, 16mm film, optical sd, b&w 1946
Producer USPHS *Agency No.* M-1034-SP
Title No. 226207 *Sale* $48.75
Demonstrates methods for cleaning and bactericidal treatment of cans, bottles, piping and other equipment following the routine of flush, scrub, rinse and sterilize.
From the *SMALL MILK PLANT OPERATION* series.

CLEANLINESS BRINGS HEALTH
8 min, 16mm film, optical sd, col 1946
Producer USOIAA *Agency No.* 08-10071
Title No. 226260 *Rental* $7.50 Sale $37.25
Compares the way two south American families live-the clean family and the careless family. Emphasis is on the things that can be done in the home to protect against communicable diseases.
From the *REPORT FROM AMERICA* series.

CLEARED FOR TAKEOFF
14 min, 16mm film, optical sd, col 1969
Producer USN *Agency No.* MN10419A
Title No. 226401 *Sale* $58.25
A U S Naval Reserve VR Squadron, on two weeks active duty, performs an important logistic task in support of U S naval efforts in South Vietnam.

CLIMB TO GLORY, PT 1
29 min, 16mm film, optical sd, b&w 1963
Producer USA *Agency No.* TV 599
Title No. 226875 *Sale* $61.25
Tells how the 10th Mountain Division broke through the invincible Gothic line in Italy.
From the *BIG PICTURE* series.
CLEARED FOR TV.

CLIMB TO GLORY, PT 2
29 min, 16mm film, optical sd, b&w 1963
Producer USA *Agency No.* TV 600
Title No. 226876 *Sale* $61.25
Shows the final break-through by 10th Mountain Division in Italy during World War II.
From the *BIG PICTURE* series.
CLEARED FOR TV.

***CLIMBING AND WORKING ON POLES**
25 min, 16mm film, optical sd, b&w 1960
Producer USA *Agency No.* TF-11-2827
Title No. 003100 *Sale* $52.50
Shows testing and supporting poles - climbing, leveling off, circling, assuming work position, descending - hoisting, use and lowering tools while working.

***CLINICAL MANIFESTATIONS OF LEPROSY**
103 fr, 35mm filmstrip, silent, col 1957
Producer USNIMH
Title No. 002011 *Sale* $5.50
Shows clinical cases of tuberculoid, lepromatous, indeterminate, and borderline leprosy. Includes photo-micrographs of histological specimens.

CLINICAL PATHOLOGIC CORRELATIONS OF ENZYMOLOGY, PT 1
34 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No.* T-1682
Title No. 226905 *Sale* $70.50
Shows classification of enzymes, categorizing the individual enzymes according to clinical usefulness, the long-standing enzymes, alkaline phosphatase, and amylase. Discusses principles, methods, sensitivity, and specificity for acid phosphotase, transaminase, and lactate dehydrogenase. (Kinescope)

CLINICAL PATHOLOGIC CORRELATIONS OF ENZYMOLOGY, PT 2
31 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No.* T-1706
Title No. 226906 *Sale* $63.50
Glycolytic enzymes (aldolase and phosphohexoisomerase) are compared with lactate dehydrogenase in terms of pathways of glucose metabolism origin, methodology, and clinical application. Isoenzymes with specific reference to LDH are reviewed in depth in terms of organ source and clinical application as well as genetic and molecular characterization. (Kinescope)

CLINICAL PATHOLOGIC CORRELATIONS OF ENZYMOLOGY, PT 3
31 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No.* T-1721
Title No. 226907 *Sale* $63.50
Shows enzymes from the tricarboxylic acid cycles (isocitric dehydrogenase, malic dehydrogenase) as well as hexose shunt. (Kinescope)

CLINICAL PATHOLOGIC CORRELATIONS OF ENZYMOLOGY, PT 4
25 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No.* T-1722
Title No. 226908 *Sale* $51.75
Reviews 5-nucleotidase, creatinine phosphokinase, and enzymes of the formed elements of blood including glucose 6-phosphate dehydrogenase. Presents discussion of diseases diagnosed through enzyme analysis. (Kinescope)

CLINICAL PATHOLOGICAL CONFERENCE
45 min, 16mm film, optical sd, b&w 1968
Producer USNMAC *Agency No.* T-1874-X
Title No. 226900 *Sale* $92.00
Shows clinical pathological conference of the Massachusetts General Hospital. Participating in the conference are Benjamin Castlemen, MD, Roman Desanctis, MD, and William F Moneely, MD, Harvard Medical School. Also John F Stokes, MD, University of London, and Murray L Janower, MD, Massachusetts General Hospital. (Kinescope)

CLINICAL PICTURE OF ANXIETY HYSTERIA, A
26 min, 16mm film, optical sd, b&w 1952
Producer USVA
Title No. 226970 *Sale* $45.50
Illustrates psychotherapeutic interviewing principles and techniques through an unrehearsed interview between a psychiatrist and a patient suffering from anxiety hysteria.

CLINICAL PICTURE OF CLAUSTROPHOBIA, A
31 min, 16mm film, optical sd, b&w 1952
Producer USVA
Title No. 226971 *Sale* $53.50
Illustrates psychotherapeutic interviewing principles and techniques through an unrehearsed interview between a psychiatrist and a patient suffering from claustrophobia.

CLINICAL TONOMETRY
7 min, 16mm film, optical sd, b&w 1965
Producer USNMAC *Agency No.* M-0593
Title No. 227150 *Sale* $12.50
Describes the glaucoma syndrome and the use of the schiotz tonometer, and emphasizes the importance of measurement of intra-occular pressure to detect incipient glaucoma. The rationable of including the tonometry test as a regular procedure of the complete physical examination is stressed.

***CLOSE-UP OF THE MOON - A LOOK AT LUNAR ORBITER**
10 min, 16mm film, optical sd, col
Producer USNASA *Agency No.* HQ 169
Title No. 227430 *Sale* $35.75
Summarizes the accomplishments of the lunar orbiter program.

CLOSURE OF ANTRAL-ORAL FISTULA
16 min, 16mm film, optical sd, col 1961
Producer USA *Agency No.* PMF 5335
Title No. 227461 *Sale* W/DRAWN
Describes the surgical principles and procedures related to

closure of antral-oral fistula and presents the technique of the 'buckle-envelope' type of flap. Salient principles of surgery stress elimination of infection from maxillary sinus, adequate soft tissue flaps, and suture flaps without tension.

CLOSURE OF ANTRO-ORAL FISTULA - ROTATION OF PEDICLE PALATAL FLAP
10 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No* D-54S
Title No 227459 *Sale* $35.00

Accidental openings in the floor of the antrum may occur during the extraction of teeth. Demonstrates an accepted surgical method of closing palatal flap. The post-operative use of a stent is demonstrated and the need to understand the post-operative course is stressed.

CLOUDS OF VENUS, THE
30 min, 16mm film, optical sd, col 1962
Producer USNASA *Agency No* HQA 082
Title No 228050 *Sale* $121.25

Documents the flight of Mariner 2 which was launched on Aug 27, 1962-our first effort to obtain scientific and some of its features that have been determined by astronomers. Presents the flight profile, trajectory, spacecraft features, and the experiments conducted throughout 109 days and 180 million miles of travel. A few preliminary scientific findings are summarized.

CLUTCH AND HAND BRAKE, THE
12 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 482
Title No 228125 *Rental* $7.50 Sale $22.25

Depicts how to determine the amount of clutch pedal clearance or 'lash,' correct abnormal 'lash,' check clutch for slipping, grabbing, or drag, and inspect and adjust the hand brake.

From the *AUTOMOTIVE OPERATION AND MAINTENANCE* series. Preventive Maintenance, No. 6

***COACHING ON THE JOB**
25 min, 16mm film, optical sd, col 1964
Producer USDA *Agency No* 4144
Title No 003928 *Sale* $119.00

Approximately 80 percent of Forest Service training is done on the job. This film explains the importance of this training in typical-on-the-job sequences filmed in the field.

COAGULASE AND CLUMPING FACTOR TESTS FOR STAPHYLOCOCCUS AUREUS, THE
5 min, 16mm film, optical sd, col 1969
Producer USNMAC *Agency No* M-1765
Title No 228201 *Sale* $21.75

Demonstrates the clotting of coagulase-positive staphylococci in liquid media in the presence of coagulase plasma.

***COAL MINER TODAY**
12 min, 16mm film, optical sd, col 1970
Producer USBM
Title No 003563 *Sale* $50.50

Takes viewer underground, into a coal mine, showing the men and machinery as they perform their various specialized jobs. Reasons for each job are explained - hazards are given - and safety procedures are stressed, emphasizing the correct way of doing the job.

PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

COAST GUARD AUXILIARY
17 min, 16mm film, optical sd, col 1960
Producer USCG
Title No 228220 *Sale* W/DRAWN

Presents the story of the Coast Guard Auxiliary--its mission, origin, history, organization, functions and accomplishments, with emphasis on current and projected activities in the field of promotion of boating safety.

COAST GUARD CUTTERS AROUND THE CONTINENT
28 min, 16mm film, optical sd, col 1958
Producer USCG
Title No 228223 *Sale* $113.50

Presents the story of Coast Guard participation in the 1957 arctic operations, including circumnavigation of North America. USCG cutters Storis, Bramble, and Spar are shown in their sometimes uncertain but eventually successful battle to locate and chart the last link in the 450 year-old search for the famous 'Northwest Passage.' Winner of the following first awards: International Film Festival, Edinburgh--cAnadian Film Festival, Ottawa--international film Festival, Salerno.

COAST GUARD ICEBREAKERS
28 min, 16mm film, optical sd, col 1958
Producer USCG
Title No 228225 *Sale* $108.00

Provides a panotamic view of the Coast Guard's far-flung incbreaking operations in the arctic and Antarctic, and on the Great Lakes and rivers. Includes participation in the construction of Thule Air Base in Greenland, and historical sequences showing the development of the icebreaking function.

COAST GUARD IN ALASKA
28 min, 16mm film, optical sd, col 1962
Producer USCG
Title No 228228 *Sale* $113.50

Presents the operations of the Coast Guard in Alaska, including buoy tender operations, re-supply of lighthouses and LORAN stations, and search and rescue. Contains maps identifying areas of Coast Guard operations. Both winter and summer footage are shown, including aerial scenes of snow-covered mountains, glaciers, forests, cities, and towns. Coast Guard responsibilities in Alaska date back to its earliest days, including civil as well as military duties.

COAST GUARD LIGHTHOUSES
18 min, 16mm film, optical sd, col 1960
Producer USCG
Title No 228231 *Sale* $55.00

Tells how fascinated the public is about lighthouses. Shows lighthouses in the 1800's and continues into modern day lighthouses.

COASTAL SEARCH AND RESCUE
22 min, 16mm film, optical sd, col 1967
Producer USCG
Title No 000381 *Sale* $84.00

Through dramatic art scenes and still photos the history of coastal lifesaving efforts is traced from 1786 to the 1930 era.

COBALT-60 RELOADING
8 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No 001518 *Sale* $43.00

Describes the unloading of a co-60 capsule from the materials testing reactor at the National Reactor Testing Station in Idaho, showing monitoring and packing for shipment, and subsequent loading of the same capsules as the radioactive source into a teletherapy machine at the Argonne Cancer Research Hospital, Chicago.

***COCCIDIOIDES IMMITIS**
8 fr, 35mm filmstrip, 1/4 in. audiotape, col 1953
Producer USNMAC *Agency No* F116-B
Title No 002013 *Sale* $10.00

Gives a brief clinical picture of coccidioidomycosis. Explains a technique for isolation and identifying coccidioides immitis.

COCCIDIOIDOMYCOSIS
6 min, 16mm film, optical sd, col 1962
Producer ILDS
Title No 001519 *Sale* W/DRAWN

Reveals clinical roentgenologic, and immunologic features of both the benign and malignant forms of coccidioidis immitis infection.

* INDICATES NEW ENTRY

CODE AND YOU, THE

25 min, 16mm film, optical sd, b&w 1952
Producer USN *Agency No.* MN07319A
Title No. 228751 *Rental* $10.00 Sale $43.75
Explains the major points of the uniform code of military justice adopted by the U S Armed Forces.

***CODE BLUE**

27 min, 16mm film, optical sd, col 1970
Producer USBHME
Title No. 002051 *Sale* $111.50
Shows why minority doctors are needed. Presents a convincing argument to assist intelligent minority youngsters on the road to medical careers.

***COGNITIVE DEVELOPMENT**

15 min, 16mm film, optical sd, col
Producer USBEH
Title No. 000324 *Sale* $62.00
Illustrates verbal concept development for the hearing impaired through discussion of current issues, problem-solving tasks, and ordering exercises.

OTHER FORMAT(S) or VERSION(S)

15 min, s8mm cartridge, optical sd, col
Producer USBEH
Title No. 003381 *Sale* $41.50

COLD WAR CALLUP - THE NAVY'S SELECTED RESERVE

28 min, 16mm film, optical sd, b&w 1962
Producer USN *Agency No.* MN09783
Title No. 000382 *Sale* $48.75
Describes the U S Naval Selected Reserve, its training prior to recall to active status in October 1961 and some of its activities while on active duty from October to August 1962.

COLLECTION AND PROCESSING OF SPECIMENS FOR RESPIRATORY VIRUS ISOLATION

4 min, 16mm film, optical sd, col
Producer USNMAC *Agency No.* M-0872
Title No. 229250 *Sale* $13.50
Illustrates the recommended procedures for collection and processing of throat swab specimens for viral studies. Techniques for virus isolation are not included. It is recommended that this film be used in conjunction with others in the series pertaining to the isolation and identification of respiratory disease agents.

COLLECTION OF ADULT FLIES, THE

6 min, 16mm film, optical sd, col 1949
Producer USNMAC *Agency No.* 4-085
Title No. 229270 *Sale* $21.25
Shows three devices for adult fly collection-sweep net for rapid surveys, fly trap for detailed qualitative studies, and cone net for collecting live flies over natural attractants.

***COLLECTION OF PARTICULATE MATTER AND THE CONTROL OF AIR POLLUTION**

22 min, 16mm film, optical sd, col
Producer USEPA
Title No. 229299 *Sale* $93.75
Shows the basic methods of reducing particulate emissions, the mode of operation, and the efficiencies of the equipment involved. Demonstrates the function of five different collection devices and uses animated sequences to show operation, efficiency, and particulate size.

***COLLEGE CLASS, A - SIMULTANEOUS COMMUNICATION**

8 min, 16mm film, optical sd, col
Producer USBEH
Title No. 000325 *Sale* $33.25
The film views a college class of the hearing impaired in dialogue on the concept of 'justice'.

OTHER FORMAT(S) or VERSION(S)

8 min, s8mm cartridge, optical sd, col
Producer USBEH
Title No. 003382 *Sale* $28.75

COLLEGE OF AFRICAN WILDLIFE

15 min, 16mm film, optical sd, b&w 1968
Producer USIA *Agency No.* 51-11596
Title No. 229602 *Rental:* W/DRAWN Sale: W/DRAWN
Depicts the Mweka College of African Wildlife Management in Tanzania which receives assistance from both private and governmental organizations of the U S and Europe. This college trains students from African countries that are undertaking broad new programs to protect their wildlife and promote tourism.

COLONY CHARACTERISTICS OF MYCOBACTERIA IN 7H-10 AGAR MEDIUM

8 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1062
Title No. 231165 *Sale* $26.00
Shows photomicography scenes illustrating various mycobacteria grown on 7H-10 Agar medium and describes their characteristics.

***COLOR FOR SAFETY**

22 min, 16mm film, optical sd, col 1966
Producer USBM
Title No. 003562 *Sale* $87.50
Emphasizes the importance of color in preventing accidents in the mineral industries. The correct color coding and labeling of fuel, gas and chemical pipes, and cylinders to prevent misuse of contents is pointed out. Shows how tools, equipment, and plant facilities are color coded for accurate identification.

PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

COLOR VISION DEFICIENCIES - DEFINITION AND EVALUATION

20 min, 16mm film, optical sd, col 1957
Producer USN *Agency No.* MN08246
Title No. 232536 *Sale* $68.25
Explains the importance of color discrimination. Shows how individual color vision deficiencies perceive the spectrum. Defines three types of color vision deficiencies and shows color confusions involved in each type. Demonstrates mild, moderate, and severe degrees of defects for one type of color vision deficiency and shows applications involved. Shows procedure for administering approved tests for color vision deficiencies, such as the pseudoisochromatic plate test and the Farnsworth lantern test.

***COLORS - 1**

11 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No.* F-101
Title No. 003383 *Sale* $26.00
Illustrates an early lesson at the presentation stage and introduces specific touch positions for colorwork.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Essentials of Good Speech*

***COLORS - 2**

11 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No.* F-102
Title No. 003384 *Sale* $28.50
Introduces a second lesson at the presentation stage of colors work - the pronunciation area.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Essentials of Good Speech*

***COLORS - 3**

11 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No.* F-103
Title No. 003385 *Sale* $26.75
Presents more difficult sound combinations, including short vowels.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Essentials of Good Speech*

***COLORS - 4**
13 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No.* F-104
Title No. 003386 *Sale* $30.50
Demonstrates one pupil's accomplishment of the early goals of color work - pronunciation of vowel and consonant combinations.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Essentials of Good Speech*

COLUMBIA, THE - RIVER OF PLANNED DESTINY
27 min, 16mm film, optical sd, col 1960
Producer USAE
Title No. 000383 *Sale:* W/DRAWN
Depicts accomplishments of the Corps of Engineers and other Federal agencies concerned with water resources in the development of the Columbia River basin from a standpoint of power, navigation, irrigation, flood control, fish and wildlife preservation, and recreation.

COMBAT BULLETIN NO. 101 - KOREA BATTLES FOR TIME
29 min, 16mm film, optical sd, b&w 1950
Producer USA *Agency No.* CB 101
Title No. 233001 *Sale* $50.25
Shows logistics and combat operations of air, sea, and ground forces of United Nations in Korea from 10 July through 10 August, 1950.

COMBAT BULLETIN NO. 102 - KOREA TURNING THE TIDE
22 min, 16mm film, optical sd, b&w 1950
Producer USA *Agency No.* CB 102
Title No. 233002 *Sale* $38.50
Shows combat activities in Korea during period 10 August through 10 September, 1950. Includes combat footage of attack and counterattack on the ground, tactical and strategic U N air support, Marines spearheading amphibious landing on Wolmi Island, U N forces capturing Inchon and pushing to outskirts of Seoul, and U N forces holding Pusan beachhead and pushing Red aggressors back.

COMBAT BULLETIN NO. 103 - KOREA U N OFFENSIVE
21 min, 16mm film, optical sd, b&w 1950
Producer USA *Agency No.* CB 103
Title No. 233003 *Sale* $37.00
Shows combat activities in Korea during period 20 September through 20 October, 1952. Includes recapture of Seoul and capture of Pyongyang.

COMBAT BULLETIN NO. 104 - CHINESE REDS ENTER WAR
21 min, 16mm film, optical sd, b&w 1951
Producer USA *Agency No.* CB 104
Title No. 233004 *Sale* $37.00
Shows combat activities in Korea during 20 October through 20 November, 1950--Chinese Communists enter war, speed of U N medical treatment through evacuation of wounded by air, field demonstrations at Aberdeen Proving Ground, rough winter weather impedes Navy, Air Force test on new Fairchild XC-120 pack airplane, and demonstration of U S winter uniforms.

COMBAT BULLETIN NO. 105 - U N FORCES ESCAPE TRAP
16 min, 16mm film, optical sd, b&w 1951
Producer USA *Agency No.* CB 105
Title No. 233005 *Sale* $28.50
Shows combat activities in Korea during 20 November through 20 December, 1950--largest amphibious evacuation in military history. Shows U N forces escaping trap, 3rd division fighting principal holding action, 10th Corps evacuated by sea from Hungnam, evacuation of troops, supplies, equipment, and civilians in face of advancing Communist Chinese, air evacuation of casualties, destruction of abandoned supplies, and interrogation of Chinese prisoners.

COMBAT BULLETIN NO. 106 - U N FORCES CONSOLIDATE BELOW 38TH PARALLEL
20 min, 16mm film, optical sd, b&w 1951
Producer USA *Agency No.* CB 106
Title No. 233006 *Sale* $35.25
Shows combat activities in Korea during 20 December 1950 through 20 January 1951--u N forces evacuated from Hungnam, flight of civilian refugees, evacuation of Seoul, redeployment of 8th Army, withdrawal across Han river, and U N troops digging in near Suwon.

COMBAT BULLETIN NO. 107 - U N FORCES MOVE NORTH
17 min, 16mm film, optical sd, b&w 1951
Producer USA *Agency No.* CB 107
Title No. 233007 *Sale* $30.50
Shows combat activities in Korea during 20 January through 20 February 1951--sUwon captured, Red resistance stiffens on central front, Red positions blasted by massed firepower of tanks and artillery, and U N forces push northward following failure of Red breakthrough attempt.

COMBAT BULLETIN NO. 108
18 min, 16mm film, optical sd, b&w 1951
Producer USA *Agency No.* CB 108
Title No. 233008 *Sale* $32.00
Shows combat activities in Korea during 20 February through 20 March 1951--operation Killer continues against weakening enemy resistance, C-119's supply frontline units by air, U N Air Force continues around the clock bombing and strafing of enemy, troops of 24th and 25th Divisions carry battle to enemy, and 7th Division reconnaissance patrol strikes northward.

COMBAT BULLETIN NO. 109 - U N FORCES CROSS 38TH PARALLEL
19 min, 16mm film, optical sd, b&w 1951
Producer USA *Agency No.* CB 109
Title No. 233009 *Sale* $33.75
Shows combat activities in Korea, 20 March through 20 April 1951--u N forces cross 38th Parallel, official activation of Shape Headquarters, paratroopers of 187th Airborne Regimental Combat Team land near Munsan during Operation Tomahawk, 24th Division advances in face of stiff resistance at 38th Parallel. Rok division crosses Imjin River with U S fire support, tank-infantry team executes a reconnaissance in force across 38th Parallel, and reconnaissance tank mission against Communist snipers.

COMBAT BULLETIN NO. 110 - REDS LAUNCH SPRING OFFENSIVE
15 min, 16mm film, optical sd, b&w 1951
Producer USA *Agency No.* CB 110
Title No. 233010 *Sale* $27.00
Shows combat activities in Korea, 20 April through 20 May 1951- Red spring offensive is stalled before it starts, U N forces withdraw across Imjin river and through Uijongbu to setup major defenses along Lincoln line above Seoul, tank-infantry team deflects Chinese columns as U N planes blast enemy concentration north of Seoul, and 'human sea' tactics of Reds prove costly against superior U N firepower.

COMBAT BULLETIN NO. 111 - U N COUNTERATTACK
16 min, 16mm film, optical sd, b&w 1951
Producer USA *Agency No.* CB 111
Title No. 233011 *Sale* $30.50
Shows combat activities in Korea, 20 May through 20 June 1951--allied units push north, advancing U N forces necessitate airlift delivery of supplies to front when mud hampers supply operations, artillery battery pounds Reds with 155mm howitzer shells, Communist targets are pinpointed by air-ground team as U N advance continues, and Wonsan harbor is blasted at night by rocket-firing vessels of U S Navy.

COMBAT BULLETIN NO. 112 - KOREAN CEASE FIRE TALKS
18 min, 16mm film, optical sd, b&w 1951
Producer USA *Agency No.* CB 112
Title No. 233012 *Sale* $32.00
Shows activities in Korea during 20 June through 20 July 1951 with emphasis on the cease-fire talks at Kaesong.

COMBAT BULLETIN NO. 113 - STALEMATE IN KOREA
18 min, 16mm film, optical sd, b&w 1951
Producer USA *Agency No.* CB 113
Title No. 233013 *Sale* $33.75
Shows combat activities in Korea during 20 July through 20 August, 1951--continuation of ground action, return of refugees to Seoul, and continuation of cease fire talks.

COMBAT READY

26 min, 16mm film, optical sd, b&w 1964
Producer USAF *Agency No.* SFP 1224
Title No. 000384 *Sale* $45.50
Portrays the story of Strategic Air Command's operation readiness inspections (ORI). Shows how the Inspector General conducts ORI's on site and with no advance notice to determine the combat readiness of the unit's men, aircraft and missile.
CLEARED FOR TV.

***COMBAT RECOGNITION**

10 min, 16mm film, optical sd, b&w 1956
Producer USAF *Agency No.* TF1-5115
Title No. 002919 *Rental* $5.00
Describes recognition features of the following USAF jet bombers-the B-57, an American version of the British Canberra - the B-66, a twin jet tactical bomber - the B-47 Stratojet - and the B-52 Intercontinental Stratofortress.

COMBATIVE MEASURES - JUDO

120 min, 16mm film, optical sd, b&w 1951
Producer USAF *Agency No.* TF01-4981
Title No. 000385 *Sale* $225.00
Gives a complete introduction of judo for combat crews.

COMBINED RESECTION OF TONGUE AND FLOOR OF MOUTH WITH RADICAL NECK DISSECTION

34 min, 16mm film, optical sd, col 1953
Producer USVA
Title No. 233033 *Sale:* W/DRAWN
Demonstrates a technique of radical surgery extirpation for primary intro-oral cancer, incorporating the concepts of removal of the pathways of lymphatic metastases in continuity. Shows radical neck dissection, resection of the mandible, and a method of primary reconstruction of the mouth and jaw.

COME SAIL WITH ME

28 min, 16mm film, optical sd, col 1966
Producer USN *Agency No.* MN 10316
Title No. 233250 *Sale* $93.00
Follows a Navy guided missile technician from boot camp through billeting on board a missile ship. Shows the launching of Tartar, Terrier, and Talos missiles.

COMMAND AND CONTROL

18 min, 16mm film, optical sd, col 1965
Producer USAF *Agency No.* SFP 1345
Title No. 233570 *Sale* $61.75
Defines the 473l data processing concept in giving speed and accuracy to Air Force command and control. Describes outdated manual method of solving high level problems and emphasizes need for an electronic approach to coping with today's world crises. Simulates a sudden brush war to demonstrate 473l capability in answering questions on weather, personnel, communications, weapon systems, and medical facilities.
CLEARED FOR TV.

COMMAND DECISION - THE INVASION OF SOUTHERN FRANCE

29 min, 16mm film, optical sd, b&w 1962
Producer USA *Agency No.* TV 572
Title No. 233575 *Sale:* W/DRAWN
The invasion of southern France, Operation Dragon, is described. Roosevelt, Churchill, Chiang Kai-Shek, and Stalin are featured.
From the *BIG PICTURE* series.
CLEARED FOR TV.

COMMAND MODULE, THE

6 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No.* AD 006
Title No. 233580 *Sale* $27.25
A detailed examination of the Apollo command module which astronauts use in their journey to the Moon. Features detailed interior shots and includes explanations of the specific jobs of each of the three astronauts.
From the *APOLLO DIGEST* series.

***COMMON SAPROPHYPIC FUNGI**

40 fr, 35mm filmstrip, silent, col 1960
Producer USNMAC *Agency No.* F-446
Title No. 002053 *Sale* $5.50
Depicts the gross in microscopic features of 17 species of saprophypic fungi representing 15 genera. Includes the diagnostic characteristics of species that appear as contaminants in cultures.

COMMUNICABLE DISEASE CENTER, THE

17 min, 16mm film, optical sd, col 1964
Producer USNMAC *Agency No.* M-0477
Title No. 006432 *Sale* $58.50
Discusses the role of the U S Public Health Service's Communicable Disease Center in Atlanta, Georgia, in the Nation's effort to control Communicable Diseases. The film takes the viewer on a photographic tour of Center's facilities in Atlanta, and also shows some of the Center's field work around the Nation.

***COMMUNICATION CENTER PROCEDURE FOR CORPS AND LOWER HEADQUARTERS, PT 1, OUTGOING MESSAGES**

7 min, 16mm film, optical sd, b&w 1951
Producer USA *Agency No.* TF11-1733
Title No. 001521 *Sale* $30.50
Illustrates the proper procedure for handling outgoing messages at an Army communications center, emphasizes the handling of classified messages and the use of the message center log.

COMMUNICATION CENTER PROCEDURE, PT 2, INCOMING MESSAGES

7 min, 16mm film, optical sd, b&w 1951
Producer USA *Agency No.* TF11-1734
Title No. 001520 *Sale* $12.50
Describes the operation of a communication center at corps and lower headquarters. Emphasizes the care necessary to insure the efficiency of message handling.

COMMUNICATION CONFERENCE

31 min, 16mm film, optical sd, b&w 1966
Producer USOE
Title No. 234005 *Rental* $10.00 Sale $52.75
Discusses the social implications of a widespread communication network in most modern societies and the inadequacy of language as a vehicle of communication.
From the *COMMUNICATION THEORY AND THE NEW EDUCATIONAL MEDIA* Series.

***COMMUNICATION GAP**

2 min, 16mm film, optical sd, b&w
Producer USNIMH
Title No. 234115 *Rental:* W/DRAWN Sale: W/DRAWN
Shows how communications break down between parents and child when the subject of marijuana is approached. A discussion film.

COMMUNICATION THEORY AND THE NEW EDUCATIONAL MEDIA--A SERIES

243 min, 16mm film, optical sd, b&w 1966
Producer USOE
Title No. 234510 *Sale* $468.50
Provides a flexible, useful, rich, and provocative repertory of materials for use by those who discharge the responsibility of interpreting and articulating theory and experimental research in communication, learning theory, perception, and instructional technology. Produced by the Ohio State University Department of Photography for the Office of Education.

INFORMATION EXPLOSION, THE
PROCESS OF COMMUNICATION, THE
PERCEPTION AND COMMUNICATION
TEACHER AND TECHNOLOGY, THE
COMMUNICATION CONFERENCE
COMMUNICATIONS REVOLUTION, THE
TEACHING MACHINES AND SIDNEY PRESSEY
MUSIC RESEARCH

COMMUNICATIONS REVOLUTION, THE
22 min, 16mm film, optical sd, b&w 1966
Producer USOE
Title No. 234480 *Rental* $7.50 Sale $38.50
Presents Edgar Dale, Marshall McLuhan, Gilbert Seldes, and I Keith Tyler in a discussion of the impact of the information explosion and the mass media of communication on Western civilisation. McLuhan talks of 'cool' and 'hot' media of a global culture made possible by radio. Questions are raised of a new distribution of power through a redistribution of information and the inevitable need for discrimination in teaching media. Produced by the Ohio State University Department of Photography for the Office of Education.
From the *COMMUNICATION THEORY AND THE NEW EDUCATIONAL MEDIA* Series.

* **COMMUNISM**
30 min, 16mm film, optical sd, b&w 1967
Producer USDOD *Agency No.* AFIF 0165
Title No. 234650 *Sale* $62.50
Traces the history of Communism and explains its objectives, strengths and weaknesses. Outlines Communism's five major assumptions and shows how history has disproved them. Studies Communist countries' advances and failures in military strength, industry, education, technology and agriculture. Compares present practices to Marx's original theory and exposes Communism's definition of peaceful coexistence.
OTHER FORMAT(S) or VERSION(S)
32 min, 16mm film, optical sd, b&w 1950
Producer USDOD *Agency No.* AFIF 0005
Title No. 234649 *Sale* $55.25

COMMUNIST BLUEPRINT FOR CONQUEST
33 min, 16mm film, optical sd, b&w 1956
Producer USDOD *Agency No.* AFIF 0076
Title No. 234790 *Sale* $56.75
Explains the methods and techniques used by the Communists to seize power in a country.
THIS FILM IS CONSIDERED OF HISTORICAL VALUE AND DOES NOT NECESSARILY REFLECT CURRENT POLICY OR PLANS OF THE SPONSORING AGENCY.

COMMUNIST EUROPE
19 min, 16mm film, optical sd, b&w 1961
Producer USDOD *Agency No.* AFIF 0107
Title No. 234895 *Sale* $33.75
Presents a study of the Communist satellite countries of Europe--appraising their cultural, economic, and political status, and their vital significance in the power struggle between the USSR and the West.
THIS FILM IS CONSIDERED OF HISTORICAL VALUE AND DOES NOT NECESSARILY REFLECT CURRENT POLICY OR PLANS OF THE SPONSORING AGENCY.

COMMUNIST TARGET - YOUTH
34 min, 16mm film, optical sd, b&w 1962
Producer USDOD *Agency No.* AFIF 0116
Title No. 234925 *Sale* $58.75
Explains techniques and methods used by Communists to gain and wield control over young people of the world.
THIS FILM IS CONSIDERED OF HISTORICAL VALUE AND DOES NOT NECESSARILY REFLECT CURRENT POLICY OR PLANS OF THE SPONSORING AGENCY.

COMMUNIST WEAPON OF ALLURE, THE
36 min, 16mm film, optical sd, b&w 1956
Producer USDOD *Agency No.* AFIF 0075
Title No. 001522 *Sale* $62.00
Explains the methods used by the Communists to gain converts.
THIS FILM IS CONSIDERED OF HISTORICAL VALUE AND DOES NOT NECESSARILY REFLECT CURRENT POLICY OR PLANS OF THE SPONSORING AGENCY.

COMMUNITY ADVISORY COMMITTEE, A
27 min, 16mm film, optical sd, b&w 1949
Producer USDS
Title No. 234975 *Sale* $56.50
Shows the organization and operation of a community advisory service in Bridgeport, Connecticut and the values of such a service to the individuals of the community.

COMMUNITY CANNING
17 min, 16mm film, optical sd, b&w 1943
Producer USOE *Agency No.* OE 198
Title No. 235075 *Sale* $36.50
Explains how to wash, snap, grade, blanch, and season beans. Describes how to prepare the cans, pack and exhaust them, label and seal the cans, use a pressure cooker or retort, and cool, dry, and store the cans.
From the *FARM WORK* series. Food Preservation, No. 1

COMMUNITY FLY CONTROL OPERATION
12 min, 16mm film, optical sd, b&w 1952
Producer USPHS *Agency No.* 4-094
Title No. 235100 *Sale* $22.25
Explains the steps taken in a fly control project in a typical town--involving gaining the support of the people (education), eliminating fly breeding places (sanitation), and applying spray materials (chemical control).

COMMUNITY FLY CONTROL OPERATION (SPANISH)
12 min, 16mm film, optical sd, b&w 1952
Producer USPHS *Agency No.* 4-094
Title No. 001523 *Sale* $22.25
Explains the steps taken in a fly control project in a typical town--involving gaining the support of the people (education), eliminating fly breeding places (sanitation), and applying spray materials (chemical control).

* **COMMUNITY IN QUEST, THE**
30 min, 16mm film, optical sd, col 1971
Producer USNIMH
Title No. 002054 *Rental* $12.50 Sale $79.25
Analyzes a community trying to solve its problems through the confrontation techniques of role playing. Illustrates fears and resistance to change on the part of all participants.
From the *SOCIAL SEMINAR* series.

COMMUNITY MENTAL HEALTH CENTER, A - THE NEW WAY
10 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1527-X
Title No. 235590 *Sale* $41.00
Stresses the need for community mental health centers. Demonstrates how these centers tie together mental health services such as emergency care, in-patient and out-patient care, partial hospitalization, consultation and education. (An animated film)

COMMUNITY MENTAL HEALTH CENTER, A - THE NEW WAY (SPANISH)
10 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1527-SP
Title No. 235591 *Sale* $41.00
Stresses the need for community mental health centers. Demonstrates how these centers tie together mental health services such as emergency care, in-patient and out-patient care, partial hospitalization, consultation and education. An animated film.

* **COMMUNITY MENTAL HEALTH CENTER, A - THE NEW WAY**
10 min, 16mm film, optical sd, b&w 1966
Producer USNMAC
Title No. 000386 *Sale:* W/DRAWN
This animated film stresses the need for community mental health centers. Demonstrates how these centers tie together mental health services such as emergency care, in-patient and out-patient care, partial hospitalization, consultation and education.

COMPANY OF SCHOLARS, A
30 min, 16mm film, optical sd, b&w 1966
Producer USIA *Agency No.* 01-01701
Title No. 235980 *Rental:* W/DRAWN Sale: W/DRAWN
Tells the story of the Smithsonian Institute founded in 1846 in Washington, D C, by James Smithson's bequest 'for the increase and diffusion of knowledge among men.' Includes a tour of the Institute and a report of what it does today.
From the *REPORT FROM AMERICA* series.

COMPARISON OF GROSS SURFACE APPEARANCE OF INTESTINAL BIOPSIES AND THEIR SERIAL SECTIONS
9 min, 16mm film, optical sd, col 1968
Producer USNMAC *Agency No.* M-1563-X
Title No. 235991 *Sale* $31.00
Compares the surface appearance of suction biopsies with their subsequent histologic appearance after complete serial sectioning. Shows the limitations of the hand lens or dissecting microscope in examining such biopsies. Restricted to physicians and physicians orgnaizations only.

COMPASS SYSTEM, THE
16 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN01792E
Title No. 236100 *Sale* $28.50
Explains and demonstrates the five major assemblies of a Sperry Mark 14 Gyro Compass (sensitive, phantom, and spider elements, mercury, ballistic, and binnacle). Shows the operation of the follow-up and repeater systems.

COMPLETE DENTURES - ALGINATE IMPRESSIONS
17 min, 16mm film, optical sd, col 1951
Producer USN *Agency No.* MN06720
Title No. 236550 *Sale:* W/DRAWN
Illustrates the technique for non-pressure full denture impressions using alginate (irreversible hydrocolloid) in loose fitting, perforated baseplate tray.

COMPLETE DENTURES - REMOUNT PROCEDURES
19 min, 16mm film, optical sd, col 1956
Producer USN *Agency No.* MN09376
Title No. 236551 *Sale* $65.00
Illustrates methods for correction of occlusal errors that have occured in the processing phases of complete denture fabrication. Demonstrates procedures for laboratory remount and patient remount.

COMPLICATED EXODONTIA - INTRODUCTION
17 min, 16mm film, optical sd, col 1951
Producer USN *Agency No.* MN6722
Title No. 236750 *Sale:* W/DRAWN
Deals with the fundamental procedures involved in the successful removal of all teeth. Gives particular attention to those teeth which require more than the use of forceps alone for extraction, and demonstrates the basic principles underlying a proposed plan for treatment.

COMPOSITION OF AN AM WAVE
27 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-527
Title No. 236870 *Sale* $56.50
Discusses the frequencies in an amplitude modulated wave. Shows how frequencies are determined by applying an am wave to a selective filter circuit. The output of the filter circuit is applied to a scope, the filter is tuned through a given frequency range, and the frequencies contained in the am wave are displayed on the scope. Defines terms such as upper and lower sideband, and compares the power contained in the carrier, using different percentages of modulation. (Kinescope)

COMPRESSION MOLDING, PT 1, PREPARING THE CHARGE AND LOADING THE MOLD
11 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 468
Title No. 237200 *Rental* $5.00 Sale $19.25
Shows how to set up the press, how to weigh and preheat the charge, and how to clean, lubricate, and load the mold.
From the *PLASTICS* series. No. 3

COMPRESSION MOLDING, PT 2, MOLDING A SIMPLE PART
10 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 469
Title No. 237201 *Rental* $5.00 Sale $17.50
Shows how to close and breathe the mold, how and when to open the mold, how to prevent pieces from warping, and how to coordinate steps of the molding cycle.
From the *PLASTICS* series. No. 4

***COMPUTER COLOR GENERATIONS**
23 min, 16mm film, optical sd, col 1972
Producer USAEC
Title No. 002055 *Sale* $93.75
Discusses a technique developed at the Los Alamos Scientific Laboratory that produces color film from the computer without any increase in computer time over an equivalent black and white run. Because more information is possible per frame, the overall expense will drop significantly. Various areas of LASL research, which use computer color film output, are discussed and results illustrated.

COMPUTER FLUID DYNAMICS
24 min, 16mm film, optical sd, col 1969
Producer USAEC
Title No. 237348 *Sale* $115.00
Demonstrates use of giant electric computers for solving fluid flow problems previously impractical to undertake.

COMPUTER SYSTEMS IN PERSONNEL ACCOUNTING
23 min, 16mm film, optical sd, col 1966
Producer USA *Agency No.* MF11-5203
Title No. 237368 *Sale* $93.75
Tells the story of acquisition and application of ADPS in the 4th U S Army in the area of personnel accounting.
CLEARED FOR TV.

CONCEALED HOMICIDE, THE
28 min, 16mm film, optical sd, b&w 1970
Producer USNMAC *Agency No.* T-1896
Title No. 237490 *Sale* $58.50
Presents an exercise in observation, through several case histories of persons who were found dead, with no obvious cause of death. The autopsy finding was concealed homicide. (Kinescope)
CLEARED FOR USE ON EDUCATIONAL CLOSED-CIRCUIT TV ONLY.

***CONFRONTATION - A NURSE AND A DRUG ADDICT**
10 min, 16mm film, optical sd, col 1971
Producer USNIMH
Title No. 002056
Available only as part of a series. Demonstrates the the conflict that arises between a white middle class nurse and a drug addict from the ghetto. Shows how the nurse, who once thought of herself as a liberal, is drastically changed after a few weeks. Seeks to explore the dynamics of this relationship and poses some key questions regarding the professional's approach toward the drug user.
From the *PROFESSIONAL DRUG FILMS* series.

***CONGENITAL ICHTHYOSIFORM ERYTHRODERMA**
18 min, 16mm film, optical sd, col
Producer IDCE
Title No. 004543 *Sale:* W/DRAWN

CONGESTIVE HEART FAILURE
40 min, 16mm film, optical sd, b&w 1966
Producer USNMAC *Agency No.* T-1849-X
Title No. 238501 *Sale* $82.25
Discusses the difficulty of diagnosing congestive heart failure, particularly left-sided failure. Points out physical signs which should be given special attention in examining such patients. Participating in the discussion are Herbert J Levine, MD, Tufts University School of Medicine and richard gorlin, MD, Harvard Medical School. (Kinescope)

CONNECTICUT, THE TURNING POINT
30 min, 16mm film, optical sd, b&w 1966
Producer USIA *Agency No.* 01-01528
Title No. 238850 *Rental:* W/DRAWN Sale: W/DRAWN
Examines an experimental eight-week program during which Connecticut college's facilities are opened to a group of under-privileged and under-motivated high school students with the aim of motivating them toward a university education.
From the *REPORT FROM AMERICA* series.

CONNECTING AND ADJUSTING CONTROLS
19 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 260
Title No 238855 *Sale* $39.25
Describes how to inspect and adjust the elevator and rudder control cables, line up and safety a turn buckle, remove and replace a damaged aileron control cable, and adjust it for proper aileron travel.
From the *AIRCRAFT WORK* series. Aircraft Maintenance

*** CONSERVATION IN PUERTO RICO (SPANISH)**
14 min, 16mm film, optical sd, col 1962
Producer USDA *Agency No* 1270
Title No 003929 *Sale* $64.00
Describes soil conservation work carried on in island of Puerto Rico.

*** CONSERVATION VISTAS**
15 min, 16mm film, optical sd, col 1959
Producer USDA *Agency No* 1383
Title No 003930 *Sale* $69.00
Presents classroom and outdoor activities that add interest to the teaching of conservation. Teachers are introduced to a wide variety of conservation experiences--from those found in their everyday environment to the more ambitious programs of school forests and school conservation camps.

CONSTRUCTING A SANITARY PIT PRIVY
15 min, 16mm film, optical sd, col 1949
Producer USNMAC *Agency No* 4-083
Title No 000387 *Sale* $51.75
Demonstrates the public health values of the sanitary pit privy, the principles of sanitation involved in its construction procedures. Recommended for professional use.

CONSTRUCTING A TYPICAL HOUSEHOLD SYSTEM
14 min, 16mm film, optical sd, b&w 1952
Producer USNMAC *Agency No* M-0050-C
Title No 000388 *Sale* $25.50
Explains the principles and procedures involved in the construction and maintenance of a septic tank and subsurface disposal system, including site inspection and layout, installation of the septic tank, constructing the tile drainage field, sanitary inspection, and yearly maintenance. User should supplement film with current data.

CONSTRUCTION OF A FIVE-UNIT BRIDGE - PONTIC PREPARATION, BRIDGE ASSMELBY, AND ...
9 min, 16mm film, optical sd, col 1969
Producer USVA *Agency No* D-096
Title No 241391 *Sale* $37.75
FULL TITLE--CONSTRUCTION OF A FIVE-UNIT BRIDGE - PREPARATION, BRIDGE ASSEMBLY, AND CEMENTATION. Demonstrates finalization of the five-unit bridge and includes adaptation of the pontic facings, bridge assembly, occlusal adjustment and cementation. Performed by DR Samuel Guyer, Professor and Chairman of the Department of Fixed Prosthodontics, School of Dentistry, Washington University, ST Louis, Missouri.

CONSTRUCTION OF DIESEL ENGINES, THE
17 min, 16mm film, optical sd, b&w 1942
Producer USN *Agency No* MN00043
Title No 240700 *Sale* $30.50
Shows the general structure of including--several types of diesel engines and the different frame types, cylinder parts, pistons, piston rings, connecting rods, crankshafts, bearings, camshafts, and rocker assemblies.

CONSTRUCTION OF FIVE UNIT BRIDGE PT 1 ABUTMENT PREPARATION
16 min, 16mm film, optical sd, col
Producer USVA *Agency No* D-88
Title No 001536 *Sale* $65.75
Demonstrates the instrumentation for partial veneer crowns on three abutment teeth.

CONSTRUCTION OF FIVE UNIT BRIDGE PT 2 TEMPORARY BRIDGE, IMPRESSIONS, CONSTRUCTION OF
14 min, 16mm film, optical sd, col 1969
Producer USVA *Agency No* D-90
Title No 001537 *Sale* $52.75
FULL TITLE--CONSTRUCTION OF FIVE UNIT BRIDGE PT 2-BRIDGE, IMPRESSIONS, CONSTRUCTION OF-- CAST. Shows how a temporary bridge of self-polymerizing is made. Demonstrates the methodology for making impressions in mercapton rubber and shows the laboratory procedures for producing a master cast with removable dies.

CONSTRUCTION OF FIVE UNIT BRIDGE PT 3 - WAX UP OF BRIDGE USING A CONE TECHNIQUE TO DEVELOP
12 min, 16mm film, optical sd, col 1969
Producer USVA *Agency No* D-95
Title No 001538 *Sale* $42.25
FULL TITLE--CONSTRUCTION OF FIVE UNIT BRIDGE PT 3-OF BRIDGE USING A CONE TECHNIQUE TO DEVELOP A HARMONIOUS OCCLUSAL PATTERN. Demonstrates the waxing planes of bridge construction.

CONSTRUCTION OF THE ARGONNE RESEARCH REACTOR
12 min, 16mm film, optical sd, b&w 1956
Producer USAEC
Title No 001539 *Sale* $28.00
Shows some of the important stages in the construction of the Argonne Research Reactor, a heavy water reactor, operating at a normal power level of 1,000 KW. Illustrates many important design features by showing various stages in the construction of this reactor.

CONSTRUCTION OF THE EXPERIMENTAL BOILING WATER REACTOR
10 min, 16mm film, optical sd, b&w 1957
Producer USAEC
Title No 001540 *Sale* $24.50
Describes highlights of construction of the experimental boiling water reactor (EBWR) a nuclear power plant of 5,000 KW. electrical capacity and the first of the reactors in the AEC's nuclear power development program to be completed. Shows erection of the steel shell for the power plant, special concrete work, and installation of equipment, including the reactor pressure vessel.

*** CONSTRUCTION SAFETY AND HEALTH TRAINING COURSE**
466 2x2 slides, silent, col 1973
Producer USDL
Title No 002057 *Sale* $75.00
Improves the ability to recognize, avoid and prevent unsafe working conditions on a constuction job. These training materials cover all phases of construction safety from pre-job planning to the finished job. Careful study is given to built-in hazards in the use of material-handling loaders, bulldozers and trucks. The dangers present in the use of arc and gas welding, cutting equipment and flammable fuels and liquids are examined and given special attention. Also included and thoroughly discussed are personal protective equipment, hand tools and accessories for major powered equipment. Slides are accompanied by instructor's manuals.

*** CONTACT THAT KILLS**
21 min, 16mm film, optical sd, col 1959
Producer USBM
Title No 003561 *Sale* $81.75
Progresses to underground coal mining electrical equipment. Illustrates what precautions have to be followed, and the importance of authorizing only qualified men to handle the mine's electrical maintenance program.

PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15213. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

CONTIGUOUS OSSEOUS TISSUE AUTOGRAFT IN PERIODONTICS
15 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No* D-78
Title No 241790 *Sale* $33.00
A deep periodontal defect on the distal surface of a premolar is treated by a contiguous osseous tissue autograft. Bone removed from an edentulous ridge is used to fill this infrabony pocket. The rationale of this procedure is explained and post operative results are discussed.

CONTINUITY OF REHABILITATION SERVICES
10 min, 16mm film, optical sd, col 1969
Producer USSRS
Title No 242060 *Sale* $41.00
Depicts the rehabilitation role of an insurance company in Newark, New Jersey.

CONTOUR FACE MILLING
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 227
Title No 242175 *Rental* $7.50 Sale $30.50
Tells how to set up the job, align workpiece square with spindle, make a rough-facing cut, and a finishfacing cut.
From the *MACHINE SHOP WORK* series. Operations on the Horizontal Boring Mill, No. 3

CONTRACT NEGOTIATION TECHNIQUES
30 min, 16mm film, optical sd, b&w 1958
Producer USAF *Agency No* TF01-5223
Title No 242210 *Sale* $52.00
Demonstrates both correct and incorrect techniques for conducting contract negotiations with representatives of industry, and stresses the importance of the procurement team's need for advance study and data.

CONTROL OF AIR POLLUTION
5 min, 16mm film, optical sd, col 1962
Producer USNMAC *Agency No* MIS-0676
Title No 004544 *Sale* W/DRAWN
Acquaints the viewer with the relationship between our modern, technological way of life and air pollution. It stresses the need for expanded research and for increased control effort.

CONTROL TRANSFORMER
30 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-708
Title No 242700 *Sale* $62.50
Explains the purpose of a control transformer and the action in the circuit. Discusses and shows graphically the physical and electrical characteristics. Explains transformer action, and defines and shows the position of electrical zero. (Kinescope)

CONTROLLER-COMPUTER PARTNERSHIP, THE
8 min, 16mm film, optical sd, col 1969
Producer USFAA *Agency No* FA-0906
Title No 242780 *Sale* $26.00
Explains the emergence of a semi-automated air traffic control environment designed to apply computer technology to the heart of the aviation system. The purpose of this concept is to permit controllers to spend their time making vital flight decisions, with computers performing the routine clerical chores.

CONTROLLING RECORDS FIRES WITH HIGH EXPANSION FOAM
13 min, 16mm film, optical sd, col 1966
Producer USAEC
Title No 242830 *Sale* $45.25
Describes high-expansion foam and its characteristics as a fire-fighting agent, particularly with respect to fires involving paper and photographic records in typical open file storage.

CONTROVERSIAL ASPECTS OF RHEUMATOID ARTHRITIS
29 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No* T-1679
Title No 242850 *Sale* $59.50
Discusses such controversial questions as the diagnostic criteria of rheumatoid arthritis, including its differentiation from other syndromes, the various therapeutic regimens advocated, and the prognostic factors affecting such patients. (Kinescope)
From the *CONCEPTS AND CONTROVERSIES IN MODERN MEDICINE Series*

CONVERSION FROM BLACK OIL TO DIESEL FUEL NAVY IMPROVED METHOD
24 min, 16mm film, optical sd, b&w 1950
Producer USN *Agency No* MN06689B
Title No 006433 *Sale* $42.25
Gives procedures to be followed in conversion of a tanker from black oil to diesel fuel cargo.

CONVERSION FROM BLACK OIL TO GASOLINE - NAVY CHEMICAL METHOD
27 min, 16mm film, optical sd, b&w 1950
Producer USN *Agency No* MN06689C
Title No 000564 *Sale* $47.00
Shows how a complete conversion from black oil to gasoline cargo involves maintenance tank cleaning by the Butterworth method, the Navy chemical method. Gives detailed instructions concerning the technical method.

● **CONVEYOR BELTS - BE CAREFUL**
15 min, 16mm film, optical sd, col 1969
Producer USBM
Title No 003560 *Sale* $62.00
Five of the most common accidents that can occur around belt conveyors in the mineral industry are visually depicted - recommendations for their prevention are outlined and the need for safe mining equipment and facilities is stressed.
PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15213. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

COOLING SYSTEM AND FUEL SYSTEM, THE
22 min, 16mm film, optical sd, b&w 945
Producer USOE *Agency No* OE 464
Title No 243425 *Rental* $7.50 Sale $38.50
Explains how to check for leaks in the cooling system and check the fan and water pump. Describes mechanical operation of the carburetor, filters and vents, fuel pump, and leakage in the fuel system.
From the *AUTOMOTIVE OPERATION AND MAINTENANCE* series. Preventive Maintenance, No. 4

● **COPING - THE NEW HAVEN STORY**
31 min, 16mm film, optical sd, col 1971
Producer USNIMH
Title No 002058 *Rental* $12.50 Sale $83.75
Describes different drug treatment and rehabilitation facilities that have been developed in New Haven, Conn.

COPPERSMITH, THE - FLARING AND REDUCING
20 min, 16mm film, optical sd, b&w 1942
Producer USN *Agency No* MN02346A
Title No 243951 *Sale* $35.25
Shows how to flare and reduce small and large tubing, and techniques of annealing, bumping, cleaning, and finishing.

COPPERSMITH, THE - WORKING OUT BRANCHES FROM A LINE
23 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No* MN02346B
Title No 243950 *Sale* $40.50
Describes cutting, working out, and installation process. Shows marking cutting, raising of the cup to conform with the branch, tack-welding and fitting, and installation of a saddle branch.

CORONARY ARTERY DISEASE - NEWER DIMENSIONS
81 min, 16mm film, optical sd, b&w 1968
Producer USNMAC *Agency No* T-1871-X
Title No 244510 *Sale* $139.50
Discusses metabolic factors associated with atherogenesis, the relevance of lipo-protein analysis, the role of diabetes

● INDICATES NEW ENTRY

mellitus and abnormal glucose tolerance, and the value and pitfalls of history taking. Presents three therapy considerations--myocardial revascularization, beta adrenergic blockade, and the management of lipid and carbohydrate disturbances. By Richard Gorlin, MD, Peter Bent Brigham Hospital, George F Cahill, MD, Elliott P Joslin Laboratory, Diabetes Foundation, Inc, Deaconess Hospital, and Warren J Taylor, MD, and Harvey G Kemp, MD, Harvard Medical School (Kinescope)

CORPSMAN
14 min, 16mm film, optical sd, col 1966
Producer USN *Agency No* MH10278D
Title No 000565 *Sale* $48.50
Shows the role of Naval medical personnel in Vietnam.

COST REDUCTION - EVERYBODY'S JOB
15 min, 16mm film, optical sd, col 1964
Producer USAF *Agency No* SFP 1265
Title No 245150 *Sale* $51.75
Delineates objectives of the Air Force Cost Reduction Program and stresses each individual's responsibilities on their achievement. Emphasizes importance of participating in the Air Force Incentive Awards Program and portrays role of the resident auditor in validating saving resulting from suggestions. Explains rules for minimizing purchase investments and operating costs.
CLEARED FOR TV. THIS FILM IS CONSIDERED OF HISTORICAL VALUE AND DOES NOT NECESSARILY REFLECT CURRENT POLICY OR PLANS OF THE SPONSORING AGENCY.

COST REDUCTION IS A MONEY SPLENDID THING
25 min, 16mm film, optical sd, col 1967
Producer USA *Agency No* MF20-5186
Title No 245155 *Sale* W/DRAWN
Examines the importance, implementation, and success of the AMC Cost Reduction Program by MR I Berg, Director.

*COTTON - FIBER WITH A FUTURE
14 min, 16mm film, optical sd, col 1959
Producer USDA *Agency No* 1340
Title No 245450 *Sale* $67.00
Tells of growing, harvesting, ginning and processing cotton; describes the advance which scientific research has made in the area.

*COTTON WAREHOUSING
20 min, 16mm film, optical sd, col 1961
Producer USDA *Agency No* 1453
Title No 245940 *Sale* $91.00
Illustrates new labor-saving and money-saving types of equipment used to handle cotton bales in warehousing operations--loading and unloading trucks and rail cars - moving into and out of warehouses - and weighing and stacking. Shows equipment best suited for handling from 2 to 20 bales.

*COTTON WAREHOUSING (SPANISH)
20 min, 16mm film, optical sd, col 1961
Producer USDA *Agency No* 1453-S
Title No 003932 *Sale* $91.00
Illustrates new labor-saving and money-saving types of equipment used to handle cotton bales in warehousing operations--loading and unloading trucks and rail cars - moving into and out of warehouses - and weighing and stacking. Shows equipment best suited for handling from 2 to 20 bales.

*COUNSELING - A CRITICAL INCIDENT
8 min, 16mm film, optical sd, col 1971
Producer USNIMH
Title No 002059
Available only as part of a series. Presents a pastoral counselor confronted by a distraught mother who has discovered that her child smokes marihuana. Presents the questions--how can the counselor make the fear and anxieties of each one clear to the other? what is his position or should he have one at all? how do his personal beliefs relate to the doctrine of his church, to popular opinion, and the the laws of his nation and state? Should he involve himself in helping the mother and child?
From the *PROFESSIONAL DRUG FILMS* series.
RECOMMENDED FOR PROFESSIONAL USE ONLY.

COUNTERSINKING, COUNTERBORING AND SPOT FACING
20 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No* OE 048
Title No 246600 *Rental* $7.50 Sale $35.25
Shows how to drill holes in steel and cast iron, to countersink holes in steel, to counterbore holes in cast iron and to spot-face holes in cast iron.
From the *MACHINE SHOP WORK* series. Operations on the Drill Press, Vertical Drill, No. 2

*COUNTING WHAT COUNTS - WORK COUNTS
10 min, 16mm film, optical sd, col 1973
Producer USA *Agency No* MF-61-5721
Title No 003572 *Sale* $40.75
Illustrates through animation the meaning, techniques, and uses of work count as a scoring system for the supervisor's evaluation of his employees.

COUNTING WHOLE BODY RADIOACTIVITY
11 min, 16mm film, optical sd, col 1964
Producer USAEC
Title No 001541 *Sale* $42.00
Outlines the program of use of the Donner Laboratory Whole Body Counter, an instrument developed to measure levels of radioactivity within the human body. Gives special reference to studies concerned with the iron metabolism of red blood cells and with calcium turnover in various disease.

*COUNTY AGENT, THE
17 min, 16mm film, optical sd, b&w 1949
Producer USOIAA *Agency No* 55-00488-09
Title No 247005 *Rental* W/DRAWN Sale W/DRAWN
Demonstrates the activities of a county agent in serving the farmer, such as giving advice on soil conservation and helping plan a new barn. Emphasizes cooperation among farmers.
From the *OHIO TOWN* series.

*COUNTY GOVERNMENT
22 min, 16mm film, optical sd, b&w 1950
Producer USIA
Title No 247060 *Rental* W/DRAWN Sale W/DRAWN
Shows how County Government came into being, the functions and duties of each of the County Departments, and need and value of modernization of this form of government.

COVERING HOT AND COLD PIPES
22 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 109
Title No 247750 *Sale* $46.25
Describes materials used to insulate hot and cold pipes. Explains how to insulate straight pipe and how to cover coupling, bend, elbow, valve and flange.
From the *SHIPBUILDING SKILLS* series. Pipe Insulation, No. 1

*COWBOY
17 min, 16mm film, optical sd, b&w 1966
Producer USIA *Agency No* 02-02684
Title No 247950 *Rental* W/DRAWN Sale W/DRAWN
Examines the ordinary life on a California ranch of a contemporary 'cowpuncher,' Bill Bailey, and his family. The narration, which is by the cowboy and his family, reveals a life of hard work, simple pleasures and profound rewards.

*COWBOY LEGEND
15 min, 16mm film, optical sd, b&w 1963
Producer USIA *Agency No* 04-00301
Title No 247960 *Rental* W/DRAWN Sale W/DRAWN
Provides a realistic look at today's American cowboy as contrasted with the Hollywood stereotype. Depicts the life of a Montana ranch family, emphasizing mechanization and other modern methods of cattle raising.

CRADLE IS ROCKING, THE
12 min, 16mm film, optical sd, b&w 1968
Producer USIA *Agency No.* 01-11042
Title No. 248025 *Rental* W/DRAWN *Sale* W/DRAWN
Traces the origins of jazz and depicts its continuing vitality in New Orleans, the city of its birth. Shows that jazz is still an expression of the daily joys and tribulations within the milieu from which it sprang many years ago. Narrated by a jazz musician.

CRANE OPERATIONS - FLOATING CRANES
16 min, 16mm film, optical sd, b&w 1955
Producer USN *Agency No.* MN08076A
Title No. 248185 *Sale* $28.50
Gives basic rules for operating the floating crane efficiently. Shows proper positioning and tieing, securing the load to the hook, proper methods in hoisting heavy loads, safety precautions, rotating problems, landing the loads, and operating the cranes by using combined operations.

CRANE OPERATIONS - SAFETY PRECAUTIONS
14 min, 16mm film, optical sd, b&w 1955
Producer USN *Agency No.* MN08076B
Title No. 248190 *Sale* $25.50
Shows procedures and rules to be followed in the safe operation of mobile cranes.

***CREATIVITY**
10 min, 16mm film, optical sd, col 1958
Producer USDA *Agency No.* 1000-28
Title No. 249379 *Sale* $47.00
Portrays the story of the creation of the Earth and the power and possibilities of creative thinking and imagination through live photography and animation. Includes quotations from Ovid, Shakespeare, Bacon, Einstein, Victor Hugo, and other outstanding literary and scientific figures.

***CREEPING ERUPTION**
8 min, 16mm film, optical sd, col 1962
Producer ILDS
Title No. 004545 *Sale* W/DRAWN

***CREW BOSS**
35 min, 16mm film, optical sd, col 1962
Producer USDA *Agency No.* 4012
Title No. 249526 *Sale* $172.00
A dramatization about a crew boss and a project crew on their first shift on a fire line. Describes a good fire camp, fire line practice and the characteristics of a good supervisor.

CRICOTHYROIDOTOMY
11 min, 16mm film, optical sd, col 1953
Producer USN *Agency No.* MN07469
Title No. 249530 *Rental* $7.50 *Sale* $37.25
Shows by live action and animation the procedure for temporary relief of an obstruction in the air passage of a wounded man by the performance of a cricothyroidotomy.

CROSSING AT NIGHT
20 min, 16mm film, optical sd, col 1943
Producer USN *Agency No.* MN00202U
Title No. 000566 *Sale* W/DRAWN
Defines the meaning of crossing in relation to a ship's bearings and presents several examples of ships crossing, the exchange of signals, and the resultant action of each ship.

CROSSING STEAM VESSELS
15 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN00202R
Title No. 000567 *Sale* $27.00
Explains whistle signals and rules for crossing in international and inland waters.

CROSSOVER
15 min, 16mm film, optical sd, col 1963
Producer USAF *Agency No.* SFP 1151
Title No. 250630 *Sale* $50.00
Shows the Thunderbirds off on a goodwill tour of South America, to thrill thousands with spectacular aerial demonstrations.

CROSSWIND TECHNIQUE FOR A CONVENTIONAL GEARED FIXED WING AIRCRAFT
25 min, 16mm film, optical sd, b&w 1960
Producer USA *Agency No.* TF46-2821
Title No. 001542 *Sale* $43.75
Explains the aerodynamic principles involved in conventional geared fixed wing aircraft in crosswind.

CRUTCH AND CANE MEASUREMENT
6 min, 16mm film, optical sd, col 1970
Producer USNMAC *Agency No.* M-1789
Title No. 251273 *Sale* $23.50
Shows the proper method of measuring a patient for axillary crutches, lofstand crutches, or a cane.

CRUTCH BALANCING FOR THE PARAPLEGIC PATIENT
11 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1407
Title No. 251275 *Sale* $35.75
The paraplegic patient with braces and crutches is now outside of the parallel bars where he goes through a series of crutch movements, weight shifting and total body balance with the constant use of the tripod principles of support. Spotting techniques for all activities are demonstrated. The patient finally masters the drag-to, the swing-to, and the swingthrough with the use of crutches.

CRY FOR HELP, THE
33 min, 16mm film, optical sd, b&w 1963
Producer USNMAC *Agency No.* MIS-0682
Title No. 251300 *Sale* $56.75
A training film for police officers and law enforcement agencies, designed to develop a feeling of concern and understanding in handling the suicidal person. Presents some of the major causes of suicide and problems of handling. Teaches law enforcement officers to recognize their 'cry for help.'

CRYSTAL STRUCTURES AT HIGH PRESSURES
40 min, 16mm film, optical sd, col 1970
Producer USNBS
Title No. 251501 *Sale* $133.75
Describes and illustrates basic principles of X-ray diffraction of single crystals and their application to structure determinations. Describes a new technique developed by National Bureau of Standards scientists for obtaining crystal structures of high pressure forms of materials. The concept of pressure-temperature phase equilibrium diagrams is developed and illustrated by striking sequences of high pressure transitions, in carbon tetrachloride, potassium nitrate, water, and benzene.

CUMMINGS CITY - MILITARY ASSISTANCE IN CIVIL DISASTER
35 min, 16mm film, optical sd, b&w 1958
Producer USDOD *Agency No.* AFIF 0089
Title No. 000568 *Sale:* W/DRAWN
Describes the assistance given by the armed services when natural disasters strike civilian communities in continental United States, using a hypothetical town, Cummings City.

CUMMINGTON STORY, THE
22 min, 16mm film, optical sd, b&w 1945
Producer USOWIO
Title No. 252400 *Sale* $46.25
Portrays the experiences of a refugee family in a New England town, their diffidence as newcomers, and their later acceptance into the life of the community.
From the *AMERICAN SCENE* series, No. 14

CUP O' JOE, A
20 min, 16mm film, optical sd, col 1969
Producer USN *Agency No.* MN10510
Title No. 252435 *Sale* $82.00
Shows career opportunities, foreign travel and social life for men and women in the modern Navy.

* INDICATES NEW ENTRY

CURABLE HYPERTENSION AND PRIMARY ALDOSTERONISM, PT 1
30 min, 16mm film, optical sd, b&w 1967
Producer USNMAC *Agency No.* T-1865-X
Title No. 252445 *Sale* $60.50
Presents the problem of selecting patients from the hypertension group who may have primary aldosteronism. James C Melby, MD, Richard H Egdahl, MD, and William Hollander, MD, Boston University School of Medicine, discuss diagnostic methods. (Kinescope)

CURABLE HYPERTENSION AND PRIMARY ALDOSTERONISM, PT 2
30 min, 16mm film, optical sd, b&w 1967
Producer USNMAC *Agency No.* T-1866-X
Title No. 252446 *Sale* $60.50
Discusses therapeutic trial with aldactone and adrenal arteriography as useful additions to workup of hypertension patients. Participating are Paul C Kahn, md, Tufts University School of Medicine, and James C Melby, MD, and Richard H Egdahl, MD, Boston university School of Medicine. (Kinescope)

***CURIOUS ALICE**
14 min, 16mm film, optical sd, col 1971
Producer USNIMH
Title No. 002060 *Rental* $10.00 Sale $49.50
Portrays an animated fantasy based upon the characters in 'Alice in Wonderland'. Shows Alice touring a strange land where everyone has chosen drugs - the Mad Hatter uses LSD, the Dormouse uses sleeping pills, and the King of Hearts represents heroin. Alice concludes that drug abuse is senseless. Fun for grade school children to watch, but also communicates effectively the seriousness of drug abuse.

CURRENT AND ELECTROMOTIVE FORCE
11 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No.* MN01540T
Title No. 252650 *Rental* $5.00 Sale $19.25
Explains electron theory, the arrangement of molecules, building up of current, conductors, electromotive force, resistance, and chemical and mechanical sources of electromotive force.

CURRENT CONCEPTS IN EPILEPSY, PT 1, INFANTS AND CHILDREN
40 min, 16mm film, optical sd, b&w 1965
Producer USNMAC *Agency No.* T-1837-X
Title No. 252660 *Sale* $81.00
Discusses the definition of epilepsy versus that of seizures. Explains the different etiologies, manifestations, and prognoses. Outlines diagnostic procedures and treatments. (Kinescope)

CURRENT CONCEPTS IN EPILEPSY, PT 2, ADULTS
40 min, 16mm film, optical sd, b&w 1965
Producer USNMAC *Agency No.* T-1838-X
Title No. 252661 *Sale* $78.50
Stresses the importance of detailed case histories in the diagnosis of epilepsy. Discusses studies indicated if the history, EEG, or plain skull films sug gest a focal or lateralized process. Discussed by Charles a Kane, MD, Boston University School of medicine. (Kinescope)

CURRENT FLOW, WHAT IT IS
4 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN08016C
Title No. 252850 *Sale* $9.50
Shows that electrons move in chain reactions due to repulsion between electrons and attraction between electrons and positive atoms. Demonstrates that in a wire when an electron moves at one point an electron moves at every other point and shows that the amount of current depends upon the number of electrons per second moving past a point.

CURRENT METHODS IN PLUTONIUM FUEL FABRICATION
30 min, 16mm film, optical sd, col 1965
Producer USAEC
Title No. 001543 *Sale* $160.75
Depicts the steps employed as of December 1964 in the Fabrication Of plutonium-uranium ceramic fuel elements for the PRTR and EBWR at Hanford's Plutonium Fabrication Pilot Plant. Presents the varied types of elements fabricated, and shows in detail various processes which are employed.

CURRENT STATUS OF ANTICOAGULANT THERAPY
30 min, 16mm film, optical sd, b&w 1966
Producer USNMAC *Agency No.* T-1854-X
Title No. 252875 *Sale* $60.50
Describes the white, red, and mixed trombus, and stresses implications. Graphically illustrates the action of heparin and coumarins on the clotting mechanism. Discusses the clinical use of these drugs in myocardial infarction, cerebrovascular disease, thromboembolic disease, congestive heart failure, and venous disease. Presented by Daniel DEykin, md, and Edwin W Salzman, MD, Harvard Medical School. (Kinescope)

CURRENT TRENDS IN THE THERAPY FOR NARCOTIC ADDICTION
29 min, 16mm film, optical sd, b&w 1970
Producer USNMAC *Agency No.* T-1704
Title No. 252880 *Sale* $60.50
Points out Dr Casriel's theory that narcotics addiction is basically withdrawal behind a chemical as a response to stress, a condition requiring intensive psychotherapy. Dr Jaffe questions the psychiatric approach and discusses the methadone treatment of addicts in Chicago. (Kinescope)
From the *CONCEPTS AND CONTROVERSIES IN MODERN MEDICINE Series.*

CUSP GOLD INLAY
4 min, 16mm film, optical sd, col 1967
Producer USVA *Agency No.* D-002
Title No. 252950 *Sale* W/DRAWN
A single concept film. For a descriptive statement, see the series title.
From the *OPERATIVE DENTISTRY - ADVANCED CONCEPTS Series.*

***CUTANEOUS VASCULAR PHENOMENON ASSOCIATED WITH FUNCTIONING CARCINOID TUMOR**
4 min, 16mm film, optical sd, col 1962
Producer ILDS
Title No. 004546 *Sale* W/DRAWN
Follows the course of the typical flushing caused by the release of vasoactive chemicals in the functioning carcinoid patient.

CUTTING A DOVETAIL TAPER SLIDE
26 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 073
Title No. 253160 *Rental* $10.00 Sale $45.50
Shows how to machine a dovetail taper slide on the vertical milling machine, use a rotary table in milling a taper, and mill to layout lines.
From the *MACHINE SHOP WORK* series. Operations on the Vertical Milling Machine, No. 2

CUTTING A KEYWAY ON END OF A FINISHED SHAFT
13 min, 16mm film, optical sd, b&w 1941
Producer USOE *Agency No.* OE 019
Title No. 253200 *Rental* $7.50 Sale $23.75
Shows the correct setup for a rigid arbor assembly, the calculations and operations necessary to locate the work on the table for the cut, the calculation of the speed and feed in terms of type and size of cutter and type of metal to be cut, and the use of rapid traverses and power feeds.

CUTTING A ROUND END KEYWAY
22 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 074
Title No. 253215 *Rental* $7.50 Sale $38.50
Describes how to cut a round end keyway in a steel shaft, align the spindle and workpiece by using a test bar, use a two-lip end mill to sink a hole in solid stock, set trip dogs and table stops, and check the finished dimensions of a round end keyway.
From the *MACHINE SHOP WORK* series. Operations on the Vertical Milling Machine, No.3

CUTTING A SHORT RACK

18 min, 16mm film, optical sd, b&w 1945

Producer USOE *Agency No.* OE 208

Title No. 253245 *Rental* $7.50 Sale $32.00

Tells how to set up and align the workpiece on a milling machine table, position table and workpiece in relation to the cutter and rough- and finish-mill the workpiece.

From the *MACHINE SHOP WORK* series. Operations on the Milling Machine, No. 6

CUTTING A TAPER WITH THE COMPOUND REST AND WITH A TAPER ATTACHMENT

11 min, 16mm film, optical sd, b&w 1941

Producer USOE *Agency No.* OE 008

Title No. 253250 *Rental* $5.00 Sale $19.25

Shows how to set the compound rest, to machine a steel taper, to set the taper attachment, to machine a small taper and to use a taper plug gage.

From the *MACHINE SHOP WORK* series. Operations on the Engine Lathe, No. 3

CUTTING AN EXTERNAL NATIONAL FINE THREAD

12 min, 16mm film, optical sd, b&w 1941

Producer USOE *Agency No.* OE 010

Title No. 253350 *Rental* $7.50 Sale $22.25

Discusses various shapes of threads and their uses. Describes characteristics of the national fine thread. Shows procedures used to cut such a thread.

From the *MACHINE SHOP WORK* series. Operations on the Engine Lathe, No. 5

CUTTING AN INTERNAL ACME THREAD

22 min, 16mm film, optical sd, b&w 1943

Producer USOE *Agency No.* OE 056

Title No. 253400 *Rental* $7.50 Sale $38.50

Shows how to cut a one-fourth pitch acme thread on an engine lathe.

From the *MACHINE SHOP WORK* series. Operations on the Engine Lathe, No. 8

CUTTING AN INTERNAL TAPER PIPE THREAD

20 min, 16mm film, optical sd, b&w 1943

Producer USOE *Agency No.* OE 057

Title No. 253450 *Rental* $7.50 Sale $35.25

Explains how to use a taper attachment, bore a tapered hole to gage size for threading, thread a tapered hole to fit a gage and check pipe threads with a taper thread plug gage.

From the *MACHINE SHOP WORK* series. Operations on the Engine Lathe, No. 9

CUTTING AND BONING A FOREQUARTER OF BEEF

19 min, 16mm film, optical sd, b&w 1945

Producer USOE *Agency No.* OE 456

Title No. 253500 *Rental* $7.50 Sale $33.75

Explains how to chill and quarter beef, how to trim the forequarter, how to cut wing, brisket and chuck, and how to prepare meat for freezing or canning.

From the *FARM WORK* series. Meat Cutting, No. 1

CUTTING AND BONING A HINDQUARTER OF BEEF

17 min, 16mm film, optical sd, b&w 1945

Producer USOE *Agency No.* OE 457

Title No. 253550 *Rental* $7.50 Sale $30.50

Shows how to chill beef, quarter it, trim it, and prepare the meat for freezing or canning.

From the *FARM WORK* series. Meat Cutting, No. 2

CUTTING AND THREADING PIPE BY HAND

12 min, 16mm film, optical sd, b&w 1944

Producer USOE *Agency No.* OE 106

Title No. 253650 *Sale* $26.75

Explains how to use pipe cutter and pipe reamer, select and insert proper dies in stock, thread pipe by hand, test threads for fit, prepare fitted pipe for delivery and care for tools.

From the *SHIPBUILDING SKILLS* series. Pipefitting, No. 2

CUTTING AND THREADING PIPE ON A POWER MACHINE

17 min, 16mm film, optical sd, b&w 1944

Producer USOE *Agency No.* OE 107

Title No. 253700 *Sale* $35.75

Explains how to measure and cut pipe for fittings, how to ream pipe which has been cut and how to thread pipe by machine.

From the *SHIPBUILDING SKILLS* series. Pipefitting, No. 3

CUTTING COVE MOLDING AND A COREBOX

19 min, 16mm film, optical sd, b&w 1945

Producer USOE *Agency No.* OE 311

Title No. 253715 *Rental* $7.50 Sale $33.75

Explains how to select stock for cove molding, cut and rip cove molding, select the proper blade for oblique cutting, and cut a deep hollow.

From the *PRECISION WOOD MACHINING* series. Operations On the Variety Saw, No. 4

CUTTING EXTERNAL ACME THREAD

16 min, 16mm film, optical sd, b&w 1942

Producer USOE *Agency No.* OE 045

Title No. 253720 *Rental* $7.50 Sale, $28.50

Explains how to cut threads with and without using the threading dial, how to finish-machine the threads to size and how to check thread size with a thread gage.

From the *MACHINE SHOP WORK* series. Operations on the Engine Lathe, No. 7

CUTTING GROOVES WITH CIRCULAR SAW BLADES

22 min, 16mm film, optical sd, b&w 1952

Producer USOE *Agency No.* OE 320

Title No. 253730 *Rental* $7.50 Sale $38.50

Describes how to set up a machine to cut grooves and the operation for cutting grooves in stiles, rails and splines - and cut stop channels in mirror frame members.

CUTTING KEYWAYS

15 min, 16mm film, optical sd, b&w 1941

Producer USOE *Agency No.* OE 012

Title No. 253750 *Rental* $7.50 Sale $27.00

Shows the operations necessary to cut a sharp and slight taper on a gear blank. Demonstrates a compound rest, the taper attachment, a protractor and a ring gauge.

CUTTING TEETH ON A WORM GEAR

17 min, 16mm film, optical sd, b&w 1945

Producer USOE *Agency No.* OE 211

Title No. 253850 *Rental* $7.50 Sale $30.50

Tells how to set dividing head for specified indexing, position workpiece for gashing, gash the teeth on the workpiece, position workpiece under dead center of hob, mesh gashed gear with hob and hob the teeth.

From the *MACHINE SHOP WORK* series. Operations on the Milling Machine, No. 9

CUTTING TENONS AND SEGMENTS

15 min, 16mm film, optical sd, b&w 1945

Producer USOE *Agency No.* OE 308

Title No. 253900 *Rental* $7.50 Sale $27.00

Shows how to lay out and cut a tenon, to set up equipment, to prepare a jig, to guide the jig and to use a slide miter gage.

From the *PRECISION WOOD MACHINING* series. Operations On the Variety Saw, No. 3

CUTTING THREADS WITH TAPS AND DIES

20 min, 16mm film, optical sd, b&w 1942

Producer USOE *Agency No.* OE 034

Title No. 253950 *Rental* $7.50 Sale $33.75

Shows and explains the methods, operations, and procedures used when cutting small threads with the use of hand taps and dies.

* **CUTTING THREADS WITH TAPS AND DIES (FRENCH)**

20 min, 16mm film, optical sd, b&w 1942

Producer USOE *Agency No.* OE 034

Title No. 001544 *Rental* $7.50 Sale $33.75

Shows and explains the methods, operations, and procedures used when cutting small threads with the use of hand taps and dies.

* INDICATES NEW ENTRY

CUTTING WITH CARBIDE TOOLS, PT 1, SINGLE POINT

19 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 244
Title No. 254100 *Rental* $7.50 Sale $33.75

Shows how to select the proper tool and set up a job, to calculate speed, feed and depth of cut, to machine on a lathe and to correct unsatisfactory machining.

From the *MACHINE SHOP WORK* series. Carbide Cutting Tools, No. 1

CUTTING WITH CARBIDE TOOLS, PT 2, MILLING CUTTERS

15 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 245
Title No. 254101 *Rental* $7.50 Sale $27.00

Demonstrates how to face-mill a steel forging with a carbide milling cutter.

From the *MACHINE SHOP WORK* series. Carbide Cutting Tools, No. 5

CYCLE LOGIC - CYCLE SAFETY

25 min, 16mm film, optical sd, col 1967
Producer USAF *Agency No.* TF 5990
Title No. 254200 *Sale* $84.75

Demonstrates safe operation and handling of motorcycles. Shows how to start, clutch, brake and accelerate. Explains anticipatión riding in entering intersections, taking curves, changing lanes, keeping safe distances and avoiding road hazards. Covers city, country road and freeway driving conditions. Also stresses the importance of protective clothing and good posture.

CLEARED FOR TV.

CYLINDER HEAD

16 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN02364H
Title No. 000569 *Sale* $28.50

Demonstrates how to inspect and recondition the cylinder head.

CYLINDER HEAD AND PISTON

20 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN02364E
Title No. 000570 *Sale* $35.25

Shows how to disassemble the cylinder head and piston. Tells how to remove valves and crossheads and shows the other usage.

CYLINDER HEAD REMOVAL

22 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No.* MN03708A
Title No. 000571 *Sale* $38.50

Shows how to remove piston oiling cooling tubes, cylinder head covers, test valve, rocker arm assemblies, test valves, and piston cooling oil lines.

CZECHOSLOVAKIA - 1918-1968

15 min, 16mm film, optical sd, col
Producer USIA
Title No. 254515 *Rental:* W/DRAWN Sale: W/DRAWN

Portrays in newsreel fashion Czechoslovakia's history, including her freedom between the two World Wars, the 1939 Nazi invasion, her subsequent 'liberation' and beginning of reconstruction. Culminates with the dramatic events of the Soviet invasion with planes, tanks and troops in August, 1968. Sequences are selfExplanatory and there is no narration.

D-DAY CONVOY

19 min, 16mm film, optical sd, b&w 1948
Producer USA *Agency No.* CHR-B-015
Title No. 254725 *Sale* $33.75

Shows postwar recapitulation of activities prior to and including D-day. Depicts how American troops were moved from all parts of England to embarkation posts for the Normandy invasion.

DADDY CAN'T FIND MY SOCKS

28 min, 16mm film, optical sd, col 1970
Producer USHSMH
Title No. 254860 *Sale* $111.75

Acquaints women with the necessity of having an annual PAP test. Designed for the general public.

DAILY ENEMY, THE

14 min, 16mm film, optical sd, col 1960
Producer USDOD *Agency No.* DOD IS 04
Title No. 254880 *Sale* $48.50

Shows how loyal personnel working on classified defense contracts can jeopardize security by playing into the hands of 'the daily enemy,' through carelessness-distributes to CF and EES for loan to defense contractors and other industrial organizations.

DAMAGE CONTROL - CIVILIAN-MANNED SHIPS

21 min, 16mm film, optical sd, b&w 1957
Producer USN *Agency No.* MN08387
Title No. 255382 *Sale* $37.00

Explains how individual crew members fit into the damage control organization of MSTS ships in service, and shows how practice through drills can develop skill, confidence, and readiness for emergencies.

DAMAGE CONTROL - EFFECTS OF WEIGHT ON STABILITY, PT 1, SHIFT OF WEIGHT

35 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No.* MN00061G
Title No. 255380 *Sale* $72.50

Shows effects of vertical and athwartship shifts of weight on stability. Describes how curve of static stability can be determined mathematically.

DAMAGE CONTROL - EFFECTS OF WEIGHT ON STABILITY, PT 2, WEIGHT CONDITIONS

23 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No.* MN00061H
Title No. 255381 *Sale* $48.75

Shows effects of changes of weight on the stability of a cruiser in situations such as normal conditions of full load, after fuel was used from tanks below 'G', weight taken on topside, and when topside weight shifted, causing keel to rise above center of gravity.

DAMAGE CONTROL - ELEMENTS OF STABILITY IN SHIPS

37 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN00061F
Title No. 255387 *Sale* $76.25

Describes principles of buoyancy and gravity. Shows the effects of loading on stability and period of roll of a ship.

DAMAGE CONTROL - LIST AND STABILITY AFTER DAMAGE, PT 1, ESTIMATING THE SITUATION

16 min, 16mm film, optical sd, b&w 1948
Producer USN *Agency No.* MN00061N
Title No. 255388 *Sale* $34.25

Gives list of stability with proper corrective measures if list is encountered at sea.

DAMAGE CONTROL - LOOSE WATER IN STABILITY, PT 1, IN INTACT SPACES

13 min, 16mm film, optical sd, b&w 1947
Producer USN *Agency No.* MN00061L
Title No. 255398 *Sale* $28.50

Describes principles involving free surface. Shows that loss of 'G M' varies directly as the length of compartment, and loss of 'G M' varies as cube of width of compartment.

DAMAGE CONTROL - LOOSE WATER IN STABILITY, PT 2, IN SPACES OPEN TO THE SEA

13 min, 16mm film, optical sd, b&w 1947
Producer USN *Agency No.* MN00061M
Title No. 255390 *Sale* $28.50

Shows effect of free communication on stability.

DAMAGE CONTROL - PLASTIC REPAIRS
20 min, 16mm film, optical sd, b&w 1962
Producer USN *Agency No* MN 09537-C
Title No 001545 *Sale* $35.25
Gives safety precautions in applying epoxy resin patches to ruptures or severed pipes, broken flanges and holes in bulkheads or foundations.

DAMAGE CONTROL - THE METACENTER IN STABILITY, PT 1
26 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No* MN00061I
Title No 255394 *Sale* $54.75
Shows the importance of the metacenter and it's relationship to stability. Describes metacenter on circular and rectangular forms, effect of shift of center of gravity with relation to the metacenter, conditions of good stability, and equilibrium and capsizing.

DAMAGE CONTROL - THE METACENTER IN STABILITY, PT 2
22 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No* MN00061J
Title No 255395 *Sale* $46.25
Describes the effect on metacenter of changes in value of 'G', relationship of metacenter height with range of stability, and initial stability in terms of displacement. Gives example of a warship on a cruise and changes of stability due to changes of weight through depletion of stores, fuel and ammunition.

DANCE LITTLE CHILDREN (SPANISH)
25 min, 16mm film, optical sd, col 1961
Producer USNMAC *Agency No* M-0684
Title No 255700 *Sale* $84.75
Tells the story of teenagers and the pressures they are under today-lewd publications, sex magazines, dances. The V D investigator on a case shows what must be done and how to undcover early cases of syphilis and stresses that all cases must be located, contacted, and tested in order to break the chain of syphilis.

DANGEROUS WAR TROPHIES
12 min, 16mm film, optical sd, b&w 1969
Producer USA *Agency No* MF20-5525
Title No 256475 *Sale:* W/DRAWN
Shows how dangerous war trophies can cause accidents and how they often get into the hands of criminals.
CLEARED FOR TV.

***DANGERS ALONG HAULAGEWAYS**
22 min, 16mm film, optical sd, col 1958
Producer USBM
Title No 003568 *Sale* $87.50
Dramatizes unsafe working procedures in haulage operations in various underground ore mines.
PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

***DARI - AFGAN PERSIAN - BASIC COURSE, UNITS 1 - 60**
25 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No 004049 *Sale* $81.25
Cassettes and accompanying text are both available for $91.25.
OTHER FORMAT(S) or VERSION(S)
49 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No 004050 *Sale* $147.00
Tape set and accompanying text are both available for $157.00.

DATA FOR SERVICE TEST EVALUATION OF ARMY AIR DEFENSE SYSTEMS
14 min, 16mm film, optical sd, col 1963
Producer USA *Agency No* MF45-9556
Title No 000572 *Sale* $48.50
Depicts the instrumentation and techniques used by the U S Army Air Defense Board to obtain and reduce data from service tests conducted to evaluate the performance of all types of Air Defense weapons.
THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY.

***DATE WITH DISASTER**
30 min, 16mm film, optical sd, col 1971
Producer USOEP
Title No 002061 *Rental* $12.50 Sale $90.00
Shows how the hospitals in one city prepared to react in any medical emergency. When time is so precious in an emergency, preparedness can spell the difference between life or death.

DATELINE ALASKA
12 min, 16mm film, optical sd, b&w 1965
Producer USDOD *Agency No* AFMR 0639
Title No 257750 *Sale* $26.75
Reviews the damage resulting from the 1964 Alaskan earthquake and portrays fast restoration to near normal operation. Cites the courage of the Alaskan people and the quick response of Congress, the Armed forces, the Red Cross and other agencies in providing funds, emergency and rebuilding aid, as reasons for Alaska's fast recovery.
THIS FILM IS CONSIDERED OF HISTORICAL VALUE AND DOES NOT NECESSARILY REFLECT CURRENT POLICY OR PLANS OF THE SPONSORING AGENCY.

DAY IN AMERICA, A
29 min, 16mm film, optical sd, col 1969
Producer USDOD *Agency No* AFIF 0187
Title No 258845 *Sale* $117.50
Presents a day in the life of America from dawn through evening hours. Features all people of America--professiona tradesmen, sportsmen, children at school and many others going about their business, keeping America on the move under a democratic system. Stresses freedom to work, worship and play. Shows a cross section of the country with an emphasis on the people.

DAY IN MARCH, A
15 min, 16mm film, optical sd, b&w 1966
Producer USIA *Agency No* 04-01617
Title No 258985 *Rental:* W/DRAWN Sale: W/DRAWN
Emphasizes the open society handling of U S Space Activities by juxtaposing the Gemini III launch and recovery against activities of American youth picnicking on the nearby beach to observe the events.

DAY IN THE DEATH OF DONNY B, A
14 min, 16mm film, optical sd, b&w 1970
Producer USNIMH
Title No 258980 *Rental* $7.50 Sale $32.50
Dramatizes narcotic addiction among youths in the urban ghetto.

DAY IN VIETNAM, A
28 min, 16mm film, optical sd, col 1967
Producer USMC *Agency No* MH10382B
Title No 259150 *Sale* $113.50
Shows Navy and Marine Corps action in Vietnam.

***DAY ON AN AMERICAN FARM, A**
42 min, 16mm film, optical sd, col 1963
Producer USDA *Agency No* 3238-1
Title No 259450 *Sale* $182.00
Shows that with the use of modern equipment, longrange planning and good management, the operation of a 300-acre dairy farm can be a successful family enterprise. Includes the role of the co-op and family participation in community life.

DAY THAT MADE A DIFFERENCE, THE
27 min, 16mm film, optical sd, col 1964
Producer USOCD *Agency No* DODCD38-226
Title No 000573 *Sale:* W/DRAWN
Documents the 1-day shelter stocking efforts of New Orleans and San Francisco.

DAY TOMORROW BEGAN, THE
30 min, 16mm film, optical sd, col 1967
Producer USAEC
Title No 001546 *Sale* $125.00
Describes and traces the history of the building and testing of CP-1, the first atomic pile, and the work of the scientific team which achieved the first sustained chain reaction on Dec. 2, 1942.

DAY WITHOUT END - DUTIES OF A CIVIL DEFENSE DIRECTOR
18 min, 16mm film, optical sd, b&w 1965
Producer USOCD *Agency No* DODCD20-225
Title No 000574 *Sale* W/DRAWN
Portrays a day in the life of a civil defense director of a small American city, dramatizing the variety of duties that must be performed to plan and manage civil defense effectively.

DAY'S WORK OF A NAVIGATOR AT SEA
15 min, 16mm film, optical sd, b&w 1950
Producer USN *Agency No* MN06742B
Title No 259825 *Sale* $27.00
Reviews the general duties of a navigator on a destroyer, including morning position, morning Sun, time signal, noon Sun, course changes, afternoon Sun, evening stars, and night orders.

DAY'S WORK OF A NAVIGATOR IN PILOT WATERS
13 min, 16mm film, optical sd, b&w 1950
Producer USN *Agency No* MN06742C
Title No 259800 *Sale* $23.75
Reviews the general duties of a navigator on a destroyer, including working LORAN position, studying harbor charts and tide tables, operating fathometer, taking bearings, making soundings, and anchoring.

***DAYS OF A TREE**
28 min, 16mm film, optical sd, b&w 1956
Producer USDA *Agency No* 1254
Title No 003933 *Sale* $125.00
A boy and his dad eagerly set out on a fishing trip that will take them to dad's favorite boyhood fishing haunts. Dad is chagrined and the boy disillusioned to find the once-clear streams now a mass of charred debris, laid waste by repeated forest fires though the years. The boy learns this is only one of many places throughout our country damaged by forest fires.

DC CIRCUIT PARAMETERS
33 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-108
Title No 259910 *Sale* $68.25
Defines and discusses characteristics of current, electromotive force, and resistance. Lists five common sources of electromotive force and demonstrates each. Discusses and demonstrates factors affecting the resistance of a wire conductor. (Kinescope)

DC MOTOR, PT 1, MECHANICAL OVERHAUL
20 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 392
Title No 259917 *Rental* $7.50 Sale $35.25
Tells how to test for electrical and mechanical faults, dismantle DC motor, turn the commutator, repair and replace field coils, assemble the motor, and adjust and make final tests.
From the *ELECTRICAL WORK* series. Motor Maintenance And Repair, No. 1

DC MOTOR, PT 2, REWINDING
37 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 393
Title No 259918 *Rental* $12.50 Sale $63.50
Tells how to dismantle and clean an armature core, determine commutator pitch, reinsulate the core, insert coils, band an armature, shape coil ends, lay in and solder leads, balance and impregnate the armature, and turn a commutator.
From the *ELECTRICAL WORK* series. Motor Maintenance And Repair, No. 2

DC MOTORS
40 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-703
Title No 259916 *Sale* $82.25
Explains the basic principles of DC motor operation by a progressive development of magnetic fields and shows how a current carrying device acts when placed in these fields. Explains the positions of maximum and minimum torque. (Kinescope)

DC SERIES RESISTIVE CIRCUITS
27 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-119
Title No 259920 *Sale* $56.50
Describes the features of a series DC resistive circuit and shows how to solve for total resistance, current and voltage using Ohm's and Kirchoff's laws. Demonstrates the effect on current when voltage or resistance is changed. (Kinescope)

DEAD RECKONING - AIR
34 min, 16mm film, optical sd, b&w 1946
Producer USN *Agency No* MN00083J
Title No 260225 *Sale* $58.75
Shows ground track, air track, wind effect, correction angle, drift angle, establishment of wind direction and velocity by both grid method and drift method. College level.
THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY.

DEAD RECKONING--PLOTTING, AND CELESTIAL LINES OF POSITION
40 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No* MN00083G
Title No 261070 *Sale* $68.50
Explains the basic plan of the Mark 3 Board, animating a small scale problem as it is worked out on the Board, plots in geographic position and solution of wind problem. College level.

DEAF-BLIND, THE
23 min, 16mm film, optical sd, col 1970
Producer USBEH
Title No 260410 *Sale* $106.00
Observes the techniques of evaluation employed by Dr Ladislav Fisch, Heston Audiology Clinic, England, and the approaches to instruction at Sint Michielsgestel.
From the *INTERNATIONAL EDUCATION OF THE HEARING Impaired Child Series.*

DEBRIDEMENT, PT 1, MULTIPLE SOFT TISSUE WOUNDS
12 min, 16mm film, optical sd, col 1957
Producer USA *Agency No* PMF 5304
Title No 261050 *Sale* $129.00
Demonstrates the principles and techniques followed in achieving adequate debridement of war wounds, including adequate skin incision, minimal skin incision, and incision of the fascia. The film also discusses the topic of excision of all devitalized tissue after consideration of color changes, loss of contractility, changes in consistency, and absence of bleeding when cut. Finally it deals with excision over the long axis of an extremity, complete hemostasis, loose primary closure of deep structures and dressing the wound.

DEBRIDEMENT, PT 2, WOUNDS OF THE EXTREMITIES
33 min, 16mm film, optical sd, col 1956
Producer USA *Agency No* PMF 5305
Title No 261051 *Sale* $110.75
Describes the techniques used in effective debridement of soft tissue wounds and demonstrates through eight different wound cases at a hospital in Korea the methods used in cleaning wounds and removing devitalized tissue and other FOCI of infection.

DEBRIEF - APOLLO 08
28 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No* HQ 188
Title No 001513 *Sale* $113.50
Tells the story of man's first journey to the Moon with comments on the significance of the Apollo 8 flight by several prominent Americans.

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DECISION FOR LEADERSHIP

23 min, 16mm film, optical sd, col 1964
Producer USAF *Agency No.* SFP 1210
Title No. 261650 *Sale* $78.25

Portrays the USAF officer's training school. Depicts career opportunities offered qualified college graduates. Shows training, scope of curriculum, and physical training program.

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DECK GIRDERS - SUBASSEMBLEY

15 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No.* OE 028
Title No. 261725 *Sale* $30.50

Explains use of transverse and longitudinal girders in hull structures. Tells how to fit, weld, and rivet stiffening brackets to a transverse girder and to a longitudinal girder.

From the *SHIPBUILDING SKILLS* series. Work of Shipfit- ter and Shipwright, No. 5

DECK PLATES - REGULATING AND SETTING

16 min, 16mm film, optical sd, col 1942
Producer USOE *Agency No.* OE 033
Title No. 261730 *Rental* $10.00 Sale $27.75

Describes how to mark off the centerline, frame lines, and buttock lines on deck girders. Tells how to line up deck plates to the reference lines, fit square, scarfed, and V-type butt joints, and hold plates flush for welding.

From the *SHIPBUILDING SKILLS* series. Work of Shipfit- ter and Shipwright, No. 10

DECK, THE - SETTING A WEB FRAME AND A TRANSVERSE BEAM

17 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No.* OE 029
Title No. 261735 *Sale* $36.50

Describes how to square a web frame with the frame and buttock lines, shore up a transverse deck beam, and fair the transverse beam to the centerline and frame line of the deck.

From the *SHIPBUILDING SKILLS* series. Work of Shipfitter and Shipwright, No. 6

DEEP SEA DIVING - THE DIVING DRESS

48 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN00105B
Title No. 262229 *Sale* W/DRAWN

Shows characteristics of parts of the diving dress, preparation and inspection of suit for diving, duties tenders, and how to avoid injury from underwater pressure.

DEEP SEA DIVING - THE TECHNIQUE OF DIVING

24 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN00105C
Title No. 262230 *Sale* $42.25

Points out the important factors of dress tenders, telephone line, descending line, and knowledge of the conditions of the dive. Demonstrates the dressing procedure, the method of descending, and depending on water temperature, visibility, and currents.

DEEP SEA DRILLING PROJECT

28 min, 16mm film, optical sd, col 1970
Producer USNSF
Title No. 262245 *Sale* $111.75

Presents the idea of continental drift and sea floor spreading. Shows activity aboard the drilling ship glomar challenger as sedimentary cores from the ocean bottom are brought up through the longest drill string ever suspended from a floating platform. Shows how the studies of the cores have virtually confirmed the theories of drift and spreading.

DEEP SEA SURVIVAL

27 min, 16mm film, optical sd, col 1959
Producer USAF *Agency No.* TF01-5252
Title No. 262250 *Sale* $91.25

Portrays some of the conditions faced by a crew of airmen who are ditched in tropical water and survive 20 days on a raft before they are rescued.

DEFENSE AGAINST INVASION

13 min, 16mm film, optical sd, col 1946
Producer USOIAA
Title No. 262675 *Sale* $54.50

Explains how vaccination makes the body immune to certain diseases. An animated film.

From the *HEALTH FOR THE AMERICAS* series.

DEFENSE AGAINST THE SPY

20 min, 16mm film, optical sd, b&w 1968
Producer USDOD *Agency No.* DOD IS 10
Title No. 262700 *Sale* $35.25

Shows the techniques and sophisticated tools used by enemy agents to obtain classified information.

DEFENSE OF ANTWERP AGAINST THE V-1

21 min, 16mm film, optical sd, b&w 1947
Producer USA *Agency No.* CMF009-1286
Title No. 262708 *Sale* $37.00

Shows Antwerp from the time of its capture by Nazis to its liberation by Allied forces, subsequent battering by the V-1 bomb--port saved by American and Allied gunners, using a shifting defense strategy knows an Antwerp X.

DEFENSE PROCUREMENT - COMPETITIVE NEGOTIATION

40 min, 16mm film, optical sd, b&w 1960
Producer USA *Agency No.* TF38-2865
Title No. 262710 *Sale* $68.50

Gives principles, regulations, requirements and provisions related to procurement by negotiation-processing procurement directive, requirements for proposal, conduct of negotiation, and contract award.

DEFENSE PROCUREMENT - CONTRACT ADMINISTRATION

26 min, 16mm film, optical sd, b&w 1960
Producer USA *Agency No.* TF38-2866
Title No. 262712 *Sale* $45.50

Gives scope and provision for contract administration in defense procurement-duties of contracting officer and his staff during pre-production, production, engineering changes, and final price determination stage.

DEFENSE PROCUREMENT - FORMAL ADVERTISING

43 min, 16mm film, optical sd, b&w 1960
Producer USA *Agency No.* TF38-2864
Title No. 262714 *Sale* $73.25

Describes principles, regulations, general requirements, and procedures related to procurement by formal advertising-preparation, distribution, opening and evaluation of bids, and award of contract.

DEFINITION AND ANALYSIS OF ALTERNATING CURRENT

32 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-200
Title No. 263088 *Sale* $66.50

Defines alternating current and explains related phenomena. (Kinescope)

DEMAND TO BE HEARD, A

28 min, 16mm film, optical sd, col 1969
Producer USSRS
Title No. 263160 *Sale* $115.50

Depicts in film-o-graph form the demands of recipients of service for a voice in planning programs which affect their lives. Shows examples of their involvement.

***DEMODEX FOLLICULORUM**

5 min, 16mm film, optical sd, col 1962
Producer ILDS *Agency No.* AFIP-0073
Title No. 004547 *Sale* W/DRAWN

DEMONSTRATION STORY, THE

14 min, 16mm film, optical sd, col 1964
Producer USNMAC *Agency No.* M-0651
Title No. 264150 *Sale* W/DRAWN

Describes the overall principles involved in providing improved communicable disease control through community demonstration. Shows community analysis and corrective programs.

DENISON HYDRAULIC PUMPS AND MOTORS-DISASSEMBLY
24 min, 16mm film, optical sd, b&w 1961
Producer USN *Agency No* MN08981
Title No. 000575 *Sale* $42.25

Shows the procedure for disassembly and reassembly of the serve control, the hanger assembly, piston and cylinder assemblies, auxiliary package, main drive shaft and valves. Cleanliness is emphasized throughout. Opens by showing how the pump works and how it differs from other pumps of this type.

DENSITY ALTITUDE
29 min, 16mm film, optical sd, col 1966
Producer USFAA *Agency No* FA-0603A
Title No 001532 *Sale* $106.00

Shows pilot safety altitude.

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DENTAL ACTIVITIES - WALTER REED ARMY MEDICAL CENTER
18 min, 16mm film, optical sd, col 1953
Producer USA *Agency No* PMF 5229
Title No 000576 *Sale* $61.75

Gives an overview of the dental activities at Walter Reed Army Medical Center, including--the dental services for hospital patients, research in the dental laboratory, and professional education in the Medical Service Graduate School.

DENTAL ASSISTANT, THE - A CAREER OF SERVICE
13 min, 16mm film, optical sd, col 1962
Producer USNMAC *Agency No* MIS-0643
Title No 264450 *Sale* $45.25

Discusses the work and training of the dental assistant--explaining what the assistant does, how and where training is received and what the future holds for a person choosing the profession of dental assistant.

DENTAL ASSISTANTS - THEIR EFFECTIVE UTILIZATION
20 min, 16mm film, optical sd, col 1952
Producer USNMAC *Agency No* MIS-0316
Title No 264550 *Sale* $68.25

Shows how a dentist, through the use of trained asistants, can give better service to his patients and reduce his own fatigue.

DENTAL CARE FOR THE CHRONICALLY ILL AND AGED
19 min, 16mm film, optical sd, col 1962
Producer USNMAC *Agency No* MIS-0704
Title No 264560 *Sale* $65.00

Depicts the provision of dental care to the homebound, chronically ill, and aged. Shows the new designs in portable equipment which were developed through actual study in providing home dental treatment.

DENTAL FIRST AID
20 min, 16mm film, optical sd, col 1952
Producer USN *Agency No* MN06723
Title No 000577 *Sale* $68.25

Shows a hospital corpsman, when a medical officer is not available, how to give simple dental first aid for simple tooth decay, inflamed pulp, root-end abscess, Vincent's infection, inflammation of the wisdom tooth area, and fractures of the jaw.

THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY.

DENTAL HEALTH AND ORAL HYGIENE
39 min, 16mm film, optical sd, col 1962
Producer USVA
Title No 264620 *Sale* $154.50

Demonstrates the structures of the oral cavity, the anatomy and functions of the teeth, the pathogenesis, prevention, and control of dental caries and periodontal disease, the relationship of dental disease to general health and the care of artificial dentures.

DENTAL OFFICE EMERGENCIES, PT 1
14 min, 16mm film, optical sd, col 1969
Producer USVA *Agency No* D-102
Title No 264625 *Sale* $54.00

Part one of a four-part, programmed instructional course designed to teach the emergency procedures to be followed when physical and emotional crises occur. Shows the rendering of emergency treatment based upon a patient's symptoms of anxiety and tension. By Dean W Darby, DDS, continuing Education Branch, Department of Health, Education, and Welfare, Public Health Service, San Francisco, California.

DENTAL OFFICE EMERGENCIES, PT 2
17 min, 16mm film, optical sd, col 1969
Producer USVA *Agency No* D-103
Title No 264626 *Sale* $67.25

Part two of a four-part, programmed instructional course designed to teach the emergency procedures to be followed when physical and emotional crises occur. Shows the rendering of emergency treatment based upon a patient's symptoms of anxiety and tension. By Dean W Darby, DDS, Continuing Education Branch, Department of Health, Education, and Welfare, Public Health Service, San Francisco, California.

DENTAL OFFICE EMERGENCIES, PT 3
14 min, 16mm film, optical sd, col 1969
Producer USVA *Agency No.* D-104
Title No 264627 *Sale* $56.75

Part three of a four-part, programmed instructional course designed to teach the emergency procedures to be followed when physical and emotional crises occur. Shows the rendering of emergency treatment based upon a patient's symptoms of anxiety and tension. By Dean W Darby, DDS, Continuing Education Branch, Department of Health, Education, and Welfare, Public Health Service, San Francisco, California.

DENTAL OFFICE EMERGENCIES, PT 4
14 min, 16mm film, optical sd, col 1969
Producer USVA *Agency No.* D-105
Title No 264628 *Sale* $52.50

Part four of a four-part, programmed instructional course designed to teach the emergency procedures to be followed when physical and emotional crises occur. Shows the rendering of emergency treatment based upon a patient's symptoms of anxiety and tension. By Dean W Darby, DDS, Continuing Education Branch, Department of Health, Education, and Welfare, Public Health Service, San Francisco, California.

***DENTAL PRACTICE MANAGEMENT**
24 min, 16mm film, optical sd, col
Producer USNMAC *Agency No.* M-2265
Title No 002062 *Sale* $96.00

Shows three open-end 'trigger films' designed to motivate group discussion on aspects of dental practice management.

DENTAL SERVICES - PRACTICE MANAGEMENT
28 min, 16mm film, optical sd, col 1962
Producer USAF *Agency No.* TF01-8201
Title No 264635 *Sale* $113.50

Demonstrates principles of good management and need for balance between professional and managerial responsibilities. Emphasizes that a dental surgeon cannot have a good oral health program without manpower, money, and material.

DERIVATION OF PASCAL'S LAW, PT 1
16 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN01730A
Title No 265650 *Sale* $28.50

Stresses the importance of hydraulic power aboard ship. Demonstrates that oil is lighter than water. Explains density, pressure, and force and how to determine each in a given amount of fluid.

***DERMATOSES OCCURING MAINLY IN JAPANESE**
5 min, 16mm film, optical sd, col 1962
Producer IDCE
Title No 004548 *Sale:* W/DRAWN

DESALTING THE SEAS
17 min, 16mm film, optical sd, col 1967
Producer USAEC
Title No. 001533 *Sale* $67.50
Describes the various methods of purifying saline waters through the use of nuclear energy, with particular emphasis on large-scale dual purpose nuclear-electric desalting plants which purify water and produce large amounts of electric power simultaneously.

DESCRIPTIVE GEOMETRY - FINDING THE LINE OF INTERSECTION OF TWO SOLIDS
22 min, 16mm film, optical sd, b&w 1947
Producer USN *Agency No.* MN05344A
Title No. 265800 *Sale* $38.50
Describes methods of determining intersecting lines of a cylinder and a cone by passing planes through the objects on an orthographic drawing.

***DESIGN AND CONTROL OF CONCRETE MIXES**
35 min, 16mm film, optical sd, col 1971
Producer USFHWA
Title No. 002063 *Rental* $15.00 Sale $150.75
Concerns quality control of concrete mixes at the point of use and demonstrates the effects of various conditions and materials on the quality and durability of finished concrete. Temperature, time of mixing, graduation of the sand, type of aggregate, water cement ratio and amount of air-entraining agent each affect the quality of a mix. Emphasis is placed on designing a mix for the conditions under which it will be placed and testing the mix at the construction site before allowing it to be used on the job.

DESIGN FOR DENTAL HEALTH
28 min, 16mm film, optical sd, col 1969
Producer USDDH
Title No. 266860 *Sale* $132.50
Explains how the people of Lynch, Kentucky worked together in a community dental health project.

DESIGN FOR ENVIRONMENT
34 min, 16mm film, optical sd, col 1957
Producer USAF *Agency No.* SFP 0385
Title No. 266930 *Sale* $114.25
Portrays a young scientist learning of the numerous tests conducted at air development centers to determine the effects of enviromental stresses on materials, metals, and electrical equipment.
THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY.

DESIGN FOR GROWING
34 min, 16mm film, optical sd, col 1954
Producer USIA *Agency No.* 01-02803
Title No. 266950 *Rental* W/DRAWN Sale: W/DRAWN
Deals with the Cleveland Public Schools' educational program which is designed to stimulate in growing children an imaginative approach to problems of living in the modern world. Includes classroom scenes and shows how the program aids one boy's development.

DESIGN FOR SURVIVAL
23 min, 16mm film, optical sd, b&w 1953
Producer USA *Agency No.* MF38-7951
Title No. 267010 *Sale* $40.50
Discusses the availability and uses of critical raw materials emphasizing the need to create and strengthen a positive attitude towards conservation among those concerned with the design, planning, manufacture and purchase of military equipment.

DESIGNING A PATTERN FOR A WATER-COOLED MOTOR BLOCK
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 337
Title No. 267355 *Rental* $7.50 Sale $27.00
Illustrates how a patternmaker studies a drawing for a single-cylinder water-cooled motor block, visualizes the shape of the casting, plans the general shape of the pattern, checks on core support, and plans the core boxes.
From the *PRECISION WOOD MACHINING* series. Problems IN Patternmaking

DESIGNING CORE BOXES FOR A WATER-COOLED MOTOR BLOCK
12 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 338
Title No. 267440 *Rental* $7.50 Sale $22.25
Tells how a patternmaker visualizes the water jacket, port cores, the core in the mold, and then designs the ram-up core and set-up core.
From the *PRECISION WOOD MACHINING* series. Problems In Patternmaking

***DESILTING THE HUDSON**
12 min, 16mm film, optical sd, col 1960
Producer USAE
Title No. 003515 *Sale* $75.00
Depicts silting problems that exist in New York Harbor and the Hudson River below the George Washington Bridge and describes how a hydraulic model at the Waterways Experiment Station is helping engineers to analyze the problem and test effectiveness of measures to decrease the rate of shoaling.

DESTINATION - WHERE?
11 min, 16mm film, optical sd, col 1965
Producer USAF *Agency No.* SFP 1238
Title No. 000578 *Sale* $37.25
Portrays role of geodesists in plotting orbital space flights and points on Earth. Also discusses measurement of gravity distortions.
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DESTROYERMEN
15 min, 16mm film, optical sd, col 1970
Producer USN *Agency No.* MN10680
Title No. 267740 *Sale* $60.00
Provides a visual impression of day-to-day life aboard a Navy destroyer at sea.

DETECTION OF C. BOTULINUM IN FOOD, PT 1, PREPARATION OF FOOD SAMPLES AND DIRECT CULTURES
11 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No.* M-0846
Title No. 267805 *Sale* $37.25
Food extract is prepared using gelatin diluent. Meat-dextrose-starch medium is inoculated with the extract. The culture tubes are sealed and one is placed in boiling water, one in 80 degree water and one in 70 degree water, and all are incubated. This heat shock treatment selects spores from vegetative cells.

DETECTION OF C. BOTULINUM IN FOOD, PT 2, MOUSE TOXIN NEUTRALIZATION TEST
13 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No.* M-0862
Title No. 267810 *Sale* $45.25
Food extract containing C. botulinum is mixed with antitoxins of known types. One tube is placed in boiling water. Two mice are inoculated with each mixture. Surviving mice indicate heat lability and which antitoxin neutralizes the toxin. This demonstrates which type was in the food.

DETECTION OF C. BOTULINUM IN FOOD, PT 3, ISOLATION FROM MIXED CULTURE
7 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No.* M-0915
Title No. 267815 *Sale* $24.50
Food samples are incubated, anaerobically, on meatdextrose-starch medium. After incubation, smears are streaked on blood agar and egg yolk agar plates. These are incubated anerobically. Lipasepositive colonies from egg-yolk plates and hemolytic colonies from blood agar are sub-cultured in meat-dextrose medium.

DETECTION OF ENTEROPATHOGENIC ESCHERICHIA COLI
17 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No.* M-1456
Title No. 267808 *Sale* $58.50
Demonstrates a method of confirming the presence of E coli

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in infants within one hour. Encourages hospital laboratory directors to make this procedure a routine test on infants admitted due to the danger of incurring severe outbreaks of infantile diarrhea.

DETERMINATION OF TYPES OF C. DIPHTHERIAE
11 min, 16mm film, optical sd, b&w 1967
Producer USNMAC *Agency No.* 4-0882
Title No. 268200 *Sale* $19.25
Shows procedures for determining cultural types of corynebacterium diphtheriae, hemolysin and fermentation test, and observation of colony forms.
RECOMMENDED FOR PROFESSIONAL USE.

DEVELOPING AUDIO-VOCAL SYSTEM, THE
38 min, 16mm film, optical sd, col 1970
Producer USBEH
Title No. 268512 *Sale* $143.75
Demonstrates the application of European methods of auditory training and speech in Sweden, the Netherlands, Belgium, England, and Demark. This film was designed to be shown sequentially, following both 'developmental auditory response patterns' and 'auditory assessment.'
From the *INTERNATIONAL EDUCATION OF THE HEARING IMPAIRED CHILD* Series.

DEVELOPING COOPERATION
14 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No.* MN03425C
Title No. 268550 *Sale* $25.50
Discusses the importance of co-operation of workers on any job and uses examples in industry to illustrate good and poor methods of developing co-operation.

DEVELOPING HOMOGENEOUS REACTORS
23 min, 16mm film, optical sd, b&w 1956
Producer USAEC
Title No. 001535 *Sale* $45.75
Describes some of the most important stages in the development, construction, operation, and dismantling of homogeneous reactor.

*** DEVELOPING IMAGINATION**
3 min, s8mm cartridge, optical sd, col
Producer USBEH
Title No. 003387 *Sale* $22.00
Sold only in a cartridge with generalization of information. Presents short insights into home school education of the profound hearing impaired.

DEVELOPING THE NEGATIVE
16 min, 16mm film, optical sd, b&w 1948
Producer USN *Agency No.* MN05386
Title No. 269200 *Sale* $28.50
Shows procedures in developing still camera film and explains the composition of the developing solution.
From the *FUNDAMENTALS OF PHOTOGRAPHY* series.

DEVELOPMENT AND FABRICATION OF HFIR TARGET ELEMENTS
15 min, 16mm film, optical sd, col 1967
Producer USAEC
Title No. 001547 *Sale* $60.00
Depicts the design and development of high flux isotope reactor target elements for the high nation's transuranium program. Traces the development of suitable manufacturing processes showing the remote manufacture of target elements at Oak Ridge National Laboratory's transuranium processing plant and the processing of the desired transuranium isotopes.

DEVELOPMENT OF THE HUMAN GASTROINTESTINAL TRACT
15 min, 16mm film, optical sd, col 1967
Producer USNMAC *Agency No.* M-1542-X
Title No. 270100 *Sale* $51.75
Via animation, shows the development of the human gastrointestinal tract in the fetal stage. Prepared by the Yale University School of Medicine.

*** DEVELOPMENTAL AUDITORY RESPONSE PATTERNS, PTS 1 AND 2**
44 min, 16mm film, optical sd, col 1970
Producer USBEH
Title No. 270211 *Rental* $15.00 Sale $171.00
Shows responses to auditory stimuli in normals ages 7 weeks to 7-1/2 months, with assessment and commentary by DR Kevin Murphy, Royal Berkshire Hospital, Reading, England. This film was designed to be shown sequentially, preceding 'Auditory Assessment' and 'The Developing Audio-Vocal System.'
From The International Education of The Hearing Impaired Child Series.

*** DEVICES FOR SELF-HELP TASK PERFORMANCE, PT 3**
8 min, 16mm film, optical sd, col
Producer USBEH
Title No. 270340 *Sale* $65.00
Illustrates problems of the physically, multiply handicapped and demonstrates supportive devices for task performances. Includes moving from place to place, sitting and standing, writing, turning pages, communicating and eating.
From the *PROJECT SPOT* series.

DEW LINES
56 min, 16mm film, optical sd, col 1957
Producer USAF *Agency No.* SFP 0570
Title No. 000579 *Sale* $187.00
Tells the story of the Dew Line, a network of radar outposts stretching 3,000 miles across America's arctic rooftop.

DIAGNOSIS AND CASE SELECTION
12 min, 16mm film, optical sd, col
Producer USVA *Agency No.* D-14-E
Title No. 000580 *Sale* $43.00
Serves as a guide to the dentist in diagnosing and deciding to treat patients by endodontic means. Uses radiographs, animation and live photography to illustrate endodontic treatment.

DIAGNOSIS AND MANAGEMENT OF RHEUMATOID ARTHRITIS
40 min, 16mm film, optical sd, b&w 1965
Producer USNMAC *Agency No.* T-1820-X
Title No. 270930 *Sale* $81.00
Discusses therapeutic regimens employed over several years with rheumatoid arthritis patient. Investigates orthopedic correction of hand deformities. Discussed by Theodore B Bayles, MD and John A Mills, MD, Harvard Medical School, and James D C Gowans, MD, Tufts University School of Medicine. (Kinescope)

DIAGNOSIS AND SURGICAL TREATMENT OF OCCLUSIVE CEREBRAL VASCULAR DISEASE
40 min, 16mm film, optical sd, b&w 1964
Producer USNMAC *Agency No.* T-1824-X
Title No. 270935 *Sale* $81.00
Discusses strokes resulting from occlusive disease in the extracranial arteries. Considers incidence of death, disability, and clinical patterns of carotid and vertabrabasilar artery insufficiency. Discussion is by Allen D Callow, MD, John F Sullivan, MD, and Paul Kahn, MD, Tufts University School of Medicine. (Kinescope)

DIAGNOSIS AND THERAPY WITH RADIATION
32 min, 16mm film, optical sd, col 1964
Producer USAEC
Title No. 001548 *Sale* $98.75
Provides a medical discussion of current studies with radiation. Describes the use of radioactive chemicals in studies of the thyroid, kidneys, and blood, as well as clinical experiments with gases and isotopes that have made it possible to visualize many organs previously difficult or impossible to examine by X-rays.

* INDICATES NEW ENTRY

DIAGNOSIS IN CLINICAL DISORDERS OF CALCIUM AND BONE METABOLISM, PT 1
19 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No.* T-1501
Title No. 270940 *Sale* $39.50
Presents diseases of parathyroid including primary hyperparathyroid parathyroid dysfunction in renal failure, and hypoparathyroidism (post surgical and idiopathic). (Kinescope)

DIAGNOSIS IN CLINICAL DISORDERS OF CALCIUM AND BONE METABOLISM, PT 2
22 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No.* T-1502
Title No. 270941 *Sale* $46.25
Presents a discussion by Dr Heany with emphasis on principal metabolic bone diseases including osteoporosis, osteomalacia, vitamin D deficiency, and familial hypophosphatemia. (Kinescope)

***DIAGNOSIS OF LATENT PSORIASIS**
6 min, 16mm film, optical sd, col
Producer IDCE
Title No. 004550 *Sale:* W/DRAWN

DIAGNOSIS OF PANCREATIC DISEASE
50 min, 16mm film, optical sd, b&w 1970
Producer USNMAC *Agency No.* T-1963
Title No. 270945 *Sale* $105.00
Relates to the pathogenesis of acute pancreatitis to secretory mechanisms, and the construction of a unified concept of the etiology of inflammation within the pancreas. Evidence is accumulated from anatomic studies, manometric determinations of the intracholedochal and intrapancreatic ductal secretory pressures, physiologic investigations in experimental pancreatitis, and analyses of the clinical correlations observed in human pancreatitis. (Kinescope)

***DIAGNOSIS TECHNIQUES**
8 min, s8mm cartridge, optical sd, col
Producer USBEH
Title No. 003388 *Sale* $27.00
This is a presentation of a number of techniques which have been developed to assess the deaf child's potential for language, learning and residual sensory functioning.

***DIAGNOSTIC TECHNIQUES**
8 min, 16mm film, optical sd, col
Producer USBEH
Title No. 000328 *Sale* $31.25
This is a presentation of a number of techniques which have been developed to assess the deaf child's potential for language, learning and residual sensory functioning.

DIAPERS AWAY - TOILET TRAINING MENTALLY RETARDED CHILDREN IN GROUPS
49 fr, 35mm filmstrip, silent, col 1968
Producer USSRS *Agency No.* F-1587-X
Title No. 001550 *Sale* $5.50
Demonstrates technique for teaching toilet use to groups of mentally retarded children in institution and day-care centers. This filmstrip may be purchased as a set with F-1586-x and an accompanying audiodisc For $15.00.

DIAPERS AWAY - TOILET TRAINING THE MENTALLY RETARDED CHILD AT HOME
35 fr, 35mm filmstrip, silent, col 1968
Producer USSRS *Agency No.* F-1586-X
Title No. 001549 *Sale* $5.50
Demonstrates technique for teaching toilet use to the mentally retarded child in a home. this filmstrip may be purchased as a set with F-1587-x and an accompanying audiodisc For $15.00.

DIARY OF A SERGEANT
22 min, 16mm film, optical sd, b&w 1945
Producer USA *Agency No.* MF08-1129
Title No. 000581 *Sale* $38.50
Traces the treatment of an amputee in an Army hospital and his rehabilitation, including his skillful manipulation of artificial arms and hands.

DIESEL ENGINE FUEL SYSTEMS
40 min, 16mm film, optical sd, b&w 1942
Producer USN *Agency No.* MN00046A
Title No. 271575 *Sale* $68.50
Shows the basic structure of diesel fuel systems, parts and operation of injectors and fuel pumps, and bosch, general motors, and excello equipment.

DIESEL ENGINE GOVERNORS, PT 1, - WOODWARD GOVERNORS
14 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN00044A
Title No. 271600 *Sale* $25.50
Shows the operation of diesel engine governors and explains the operation of overspeed, overspeed trip, and regulating governors.

DIESEL ENGINE GOVERNORS, PT 2, - GM SERIES 71, LIMITING SPEED MECHANICAL GOVERNORS
12 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN00044B
Title No. 271601 *Sale* $22.25
Discusses three main assemblies of the governor and their functions. Reviews the operation of the manual full control to explain the action of the governor through low intermediate, and high speed ranges.

DIESEL ENGINE, THE
29 min, 16mm film, optical sd, b&w 1942
Producer USN *Agency No.* MN00042A
Title No. 271650 *Sale* $50.25
Shows how ignition may be achieved by compression. Describes basic diesel engine types and discusses forms of air headers and fuel injectors. (introductory survey film.)

DIESEL ENGINE, THE - SCAVENGING AND SUPERCHARGING DIESEL ENGINES
15 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN00042B
Title No. 271675 *Sale* $27.00
Shows operation of two-stoke cycle, single and double acting engines, and opposed piston engines. Discusses method of scavenging and supercharging air.

DIESEL LUBRICATION AND COOLING SYSTEMS
10 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN00045A
Title No. 271775 *Sale* $17.50
Describes parts of diesel lubricating and cooling systems and how they work in relation to each other.

DIESEL LUBRICATION AND COOLING SYSTEMS LUBRICATION OF THE GM-71 SERIES ENGINES
12 min, 16mm film, optical sd, b&w 1942
Producer USN *Agency No.* MN 45-B
Title No. 001551 *Sale* $22.25
Shows, by the use of animation, the course of the oil through the engine - describes how it lubricates each component part - and explains the working principle of the ventilation system.

DIET AND ATHEROSCLEROTIC DISEASE - ARE THEY RELATED
29 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No.* T-1880
Title No. 272005 *Sale* $60.50
Dr Stamler presents statistical data to implicate diet in the pathogenesis of atherosclerotic disease, and contends that alteration of the American dietary pattern is essential if we are to abate our atherosclerotic epidemic. Dr Altschule points out numerous inadequacies in studies to date. He does not feel that a qualitative change in the American diet would benefit either the coronary patient or the healthy individual. (Kinescope)
From the *CONCEPTS AND CONTROVERSIES IN MODERN MEDICINE Series.*

DIFFRACTOMETER CONTROL SYSTEM - A SYSTEM FOR EASY MAN-MACHINE COMMUNICATIONS
15 min, 16mm film, optical sd, col 1970
Producer USNBS
Title No 272400 *Sale* $62.25
Technically explains the use of a diffractometer control system at the National Bureau of Standards' reactor. Explains the technique of using a digital computer to perform the tedious, repetitive operations required in collecting data for crystal structure analysis while the human experimenter performs the supervisory functions for which man is uniquely qualified. (Film assumes basic knowledge of structural crystallography.)

DIFFUSE INTRAVASCULAR COAGULATION
26 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No* T-1697
Title No 272405 *Sale* W/DRAWN
Explains experimental and theoretical aspects of intravascular coagulation and discusses clotting proteins and the interrelationship existing between these elements and IVC. Discusses acquired bleeding disorders. (Kinescope)

DIGITAL COMPUTER TECHNIQUE - COMPUTER LOGIC
13 min, 16mm film, optical sd, col 1962
Producer USN *Agency No* MN08969B
Title No 272776 *Sale* $45.25
Explains by means of animation the binary number system. Defines the several meanings of logic as applied to computers, shows the difference between the decimal and binary number systems, explains how binary numbers are constructed and how arithmetical operations are performed with them. Cites examples of code variations of the binary system.

DIGITAL COMPUTER TECHNIQUE - COMPUTER LOGIC SYMBOLOGY
15 min, 16mm film, optical sd, col 1962
Producer USN *Agency No* MN08969C
Title No 272777 *Sale* $51.75
Shows the basic U.S. Military standard symbols of the logic elements of computers as an introduction to digital computer logic symbology, and shows their function in electronic signals.

DIGITAL COMPUTER TECHNIQUE - COMPUTER UNITS
24 min, 16mm film, optical sd, col 1952
Producer USN *Agency No* MN08969D
Title No 272778 *Sale* $81.50
Discusses in an introductory way the major units of a digital computer—input, output, arithmetic, and control.

DIGITAL COMPUTER TECHNIQUE - INTRODUCTION
16 min, 16mm film, optical sd, col 1962
Producer USN *Agency No* MN08969A
Title No 272775 *Sale* $55.00
Provides a general introduction to digital computers. Explains the historical origins of calculating devices, points out the differences between analog and digital computers, and discusses the principle steps involved in the solution of problems subjected to the digital computing process.

DIGITAL COMPUTER TECHNIQUES - LOGIC ELEMENT CIRCUITS
16 min, 16mm film, optical sd, col 1962
Producer USN *Agency No* MN08969E
Title No 272779 *Sale* $55.00
Illustrates how solid state electronics are used in modern computers.

DIGITAL COMPUTER TECHNIQUES - PROGRAMMING
14 min, 16mm film, optical sd, col 1962
Producer USN *Agency No* MN08969F
Title No 272780 *Sale* $48.50
Defines computer programming, explains what is meant by analyzing the problem, shows how a simple flow chart is prepared with symbols giving their meaning, and shows by use of a simple example how instructions to the computer are encoded in computer language.

DIMPLING AND COUNTERSINKING
21 min, 16mm film, optical sd, b&w 1943
Producer USOE *Agency No* OE 139
Title No 272825 *Rental* $7.50 Sale $37.00
Shows how dimpling and countersinking prepare metal for flush riveting. Shows how to operate a dimpling machine and how to countersink work for flush rivets.
From the *AIRCRAFT WORK* series. Assembling and Riveting, No. 4

DIODE AND CRYSTAL DETECTORS
16 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-522B
Title No 273225 *Sale* $34.25
Discusses the operation of a diode detector, employing a crystal diode as the rectifier. Emphasizes the operating characteristics of the circuit and the proper handling techniques of a crystal diode. Shows output waveshapes on the oscilloscope, and explains how the output is affected if the values of R and C are not correct. Compares the vacuum tube diode detector and the crystal diode detector. (Kinescope)

DIODE TUBES - EMISSION AND SPACE CHARGE
21 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-400
Title No 273240 *Sale* $44.50
Defines different types of electron emission, explains emitter construction, analyzes and discusses space charge in a diode vacuum tube. Explains saturation in a diode tube and describes the effect of varying plate voltage and heater voltage on plate current. (Kinescope)

DIODE, THE - PRINCIPLES AND APPLICATIONS
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 176
Title No 273250 *Rental* $7.50 Sale $30.50
Demonstrates principles of electron flow across a gap, and basic features of the diode tube. Shows how electron flow is controlled in diode tubes, photoelectric cells, and X-ray tubes. Shows the diode as a rectifier.
From the *ENGINEERING* series. Electronics, No. 2

DIODES AND RECTIFIER CIRCUITS - FULL-WAVE RECTIFIERS
30 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-235B
Title No 273255 *Sale* $62.50
Shows a full-wave rectifier circuit, with parts labeled, direction of current flow through each part of the circuit indicated, and the output waveshape drawn. Shows and explains how to calculate the peak, and average voltage outputs—from this the ripple frequency is determined. Gives malfunctions, and from the symptom, shows how the probable trouble is identified. (Kinescope)

DIODES AND RECTIFIER CIRCUITS - HALF-WAVE RECTIFIERS
32 min., 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK-30-235A
Title No 273256 *Sale* $66.50
Demonstrates the effect of half-wave rectification and then shows and discusses the schematic. Explains and measures the front-to-back ratio of a semiconductor. Defines the term 'load,' and shows how the direction of current flow through a semiconductor is determined. Gives an analysis of a signal applied to this circuit to explain why the output waveshape is pulsating DC. Defines and explains 'ripple frequency.' Finally, shows the method of calculating the peak, inverse peak, and average output voltage. (Kinescope)

DIODES AND RECTIFIER CIRCUITS - METALLIC RECTIFIERS
19 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-234
Title No 273258 *Sale* $40.50
Identifies the types of metallic rectifiers. Explains the construction and rectifying action of selenium rectifiers, points out the voltage limitation of rectifiers and how 'stacking' provides some protection against damage due to excessive AC voltage. Explains 'inverse peak' voltage and 'breakdown.' (Kinescope)

DIODES AND RECTIFIER CIRCUITS - SOLID STATE DIODES
27 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK30-232
Title No 001552 Sale $56.50
Explains the joining of PN-form a solid state diode, and gives the types of diodes. Identifies the two elements of a junction diode as the (emitter) and (collector). Finally, explains the effect of excessive forward or reverse bias. (Kinescope)

DIRECT CURRENT CONTROLLERS
15 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 388
Title No 273265 *Rental* $7.50 Sale $27.00
Shows shunt motors and direct controllers in operation. Uses animation to illustrate a direct current faceplate controller connected to a shunt motor.
From the *ELECTRICAL WORK* series. Motor Control, No. 1

DIRECT CURRENT GENERATORS
22 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-202
Title No 273269 Sale $46.25
Identifies parts of basic DC generator. Defines steady DC, pulsating DC, and ripple. Identifies schematics of three main DC generator configurations. (Kinescope)

DIRECT CURRENT GENERATORS - THEORY OF OPERATION
15 min, 16mm film, optical sd, b&w 1959
Producer USN *Agency No* MN08594A
Title No 273268 Sale $27.00
Shows the basic components of a generator and explains EMF of self-induction.

DIRECT CURRENT MOTORS - THEORY OF OPERATION
10 min, 16mm film, optical sd, b&w 1959
Producer USN *Agency No* MN08594B
Title No 006421 Sale $17.50
Shows the basic components of direct current motors and explains their operation.

* **DIRECT SEEDING OF SOUTHERN PINE**
20 min, 16mm film, optical sd, col 1965
Producer USDA *Agency No* 4540
Title No 003934 Sale $93.00
The research leading to the successful direct seeding of southern timberlands is facinating. At first, birds and rodents ate the seeds, methods of seeding were crude, but important breakthroughs in research solved these problems.

DIRECTIONAL ANTENNAS
40 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-604
Title No 273310 Sale $87.25
Develops graphically and with animation the bi-directional radiation pattern of the end fire array. Shows how changing the spacing of the antenna elements, changing the number of elements, using the different types of elements, and changing the shape of the reflector affects antenna directivity. Lists the three types of elements and explains the results and purposes of each. (Kinescope)

DIRECTIONAL COUPLER
24 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-907
Title No 273312 Sale $50.75
Explains the uses of a typical directional coupler, the physical construction, and the purpose of each component. Explains, by animation, how and why the directional coupler will detect incident energy but not reflected energy. Briefly explains the bi-directional coupler and how it detects both incident and reflected energy. (Kinescope)

DISASSEMBLING THE ENGINE
13 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 268
Title No 273350 *Rental* $7.50 Sale $28.75
Shows how to remove the oil sump, valve tappet, and gear case cover assemblies. Tells how to separate crankcase, remove crankshaft assembly and camshaft, and disassemble crankshaft and gear case cover assemblies.
From the *AIRCRAFT WORK* series. Power Plant Maintenance

DISASSEMBLY
30 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No* MN03707A
Title No 000583 Sale $52.00
Shows how to inspect blower rotors and pistons, remove head and scrape wear ridge, remove connecting rod bearing, and pull one piston and one liner in piston assembly.

DISASSEMBLY OF THE 8-268A ENGINE
27 min, 16mm film, optical sd, b&w 1942
Producer USN *Agency No* MN00209A
Title No 000586 Sale $47.00
Shows how to remove air lines, manifold, rocker arm assembly, piston, lever, injector, and cylinder head. Stresses precautions to be observed.

DISASSEMBLY, PT 1
16 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No* MN02364A
Title No 000584 Sale $28.50
Demonstrates methods of inspection for all possible parts with methods of removal for all lines and parts in a complete breakdown of the engine.

DISASSEMBLY, PT 2
17 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No* MN02364B
Title No 000585 Sale $30.50
Shows step-by-step demonstration of tools used in disassembly of engine for either overhaul or maintenance, concluding with a review of the important steps of disassembly.

DISASTER AID - PUBLIC HEALTH ASPECTS
11 min, 16mm film, optical sd, b&w 1955
Producer USNMAC *Agency No* M-0198
Title No 273400 Sale $19.25
Explains the health problems created by natural disasters and the methods used to solve these problems, using as an example a flood, and the role of local, state, and federal health agencies in combating the resultant public health dangers.

DISASTER FEEDING
30 min, 16mm film, optical sd, b&w 1960
Producer USA *Agency No* TF10-2846
Title No 000582 Sale $52.00
Gives purpose, preparation and execution of disaster feeding plan-facilities propagation-explanation of ionosphere effects on long range transmission of radio messages.

DISCIPLINE - GIVING ORDERS
15 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No* MN02088A
Title No 273675 Sale $27.00
Explains how to give clear orders and maintain office discipline. Contrasts the results of gaining workers' confidence with those of instilling fear in employees.

DISCIPLINE - GIVING ORDERS (SPANISH)
15 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No* MNO2088A
Title No 001553 Sale $27.00
Explains how to give clear orders and maintain office discipline. Contrasts the results of gaining workers' confidence with those of instilling fear in employees.

DISCIPLINE - REPRIMANDING
10 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No* MN02088B
Title No 273676 Sale $17.50
Shows examples of proper and improper reprimanding of employees by supervisors and how the efficiency and production of an office can be increased or decreased depending upon how a situation is handled.

DISCIPLINE - REPRIMANDING (SPANISH)
10 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No* MNO2088B
Title No 001554 Sale $17.50
Shows examples of proper and improper reprimanding of

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employees by supervisors and how the efficiency and production of an office can be increased or decreased depending upon how a situation is handled

DISPERSION THEORY APPROACH TO NUCLEON NUCLEAR SCATTERING
54 min, 16mm film, optical sd, col 1961
Producer USAEC
Title No. 001555 *Sale* $315.25
Outlines some of the main ideas and techniques which are used in the the calculation of the nucleon-nucleon scattering matrix from its analytic properties and unitarity. Includes a discussion of the S-wave Schroedinger and Volterra equations, the N/D method, the Mandelstam representation for scattering and double-spectral function, theoretic and non-relativistic scattering amplitides, and nucleon electromagnetic structure.

DISSECTION OF THE BLOCK OF ORGANS DISSECTION OF ADRENALS, AORTA, AND ...
21 min, 16mm film, optical sd, col 1970
Producer USNMAC *Agency No.* M-2004-X
Title No. 275325 *Sale* $86.00
FULL TITLE—DISSECTION OF THE BLOCK OF ORGANS-DISSECTION OF ADRENALS, AORTA, AND INFERIOR VENA CAVA-SEPARATION INTO THORACIC, ABDOMINAL, AND PELVIC REGIONS.
From the *AUTOPSY DISSECTION TECHNIQUE - A CINEMATOGRAPHIC ATLAS* Series.

DISSECTION OF THE HEART
12 min, 16mm film, optical sd, col
Producer USNMAC *Agency No.* M-2007-X
Title No. 275332 *Sale* $50.50
From the *AUTOPSY DISSECTION TECHNIQUE - A CINEMATOGRAPHIC ATLAS* Series.

DISSECTION OF THE MALE PELVIC ORGANS AND KIDNEYS
13 min, 16mm film, optical sd, col
Producer USNMAC *Agency No.* M-2010-X
Title No. 275335 *Sale* $54.50
From the *AUTOPSY DISSECTION TECHNIQUE - A CINEMATOGRAPHIC ATLAS* Series.

DISSECTION OF THE PARATHYROID AND THYROID GLANDS
10 min, 16mm film, optical sd, col 1970
Producer USNMAC *Agency No.* M-2005-X
Title No. 275337 *Sale* $41.00
From the *AUTOPSY DISSECTION TECHNIQUE - A CINEMATOGRAPHIC ATLAS* Series.

DISSECTION OF THE THORACIC DUCT
10 min, 16mm film, optical sd, col 1970
Producer USNMAC *Agency No.* M-2006-X
Title No. 275339 *Sale* $41.00
From the *AUTOPSY DISSECTION TECHNIQUE - A Cinematographic Atlas Series.*

* **DISSEMINATED ANERGIC LEISHMANIASIS**
7 min, 16mm film, optical sd, col 1962
Producer ILDS
Title No. 004551 *Sale* W/DRAWN

DITCHING TECHNIQUES FOR TRANSPORT AIRCRAFT COMMUNICATIONS, SEA EVALUATION, HEADINGS, ...
26 min, 16mm film, optical sd, col 1958
Producer USAF *Agency No.* TF01-5271A
Title No. 275651 *Sale* $88.00
FULL TITLE—DITCHING TECHNIQUES FOR TRANSPORT AIRCRAFT COMMUNICATIONS, SEA EVALUATION, HEADINGS, AND LANDINGS. Outlines steps to minimize hazards of ditching when a forced landing is anticipated at sea. Major teaching points include transmission of distress calls, evaluation of sea conditions, procedures for landing, and methods of obtaining proper headings.

DIVIDE AND CONQUER
60 min, 16mm film, optical sd, b&w 1943
Producer USWD *Agency No.* OF 03
Title No. 275775 *Sale* $124.50
Documents the German attack and conquest of Belgium, Holland, and France in 1940.
From the *WHY WE FIGHT* series.
TV CLEARED FOR CLOSED CIRCUIT TELEVISION ONLY.

* **DO IT WITH E'S**
23 min, 16mm film, optical sd, col 1951
Producer USDA *Agency No.* 1099
Title No. 276725 *Sale* $105.00
Demonstrates three e's of safety—education, engineering and enforcement. Uses examples showing the work of Forest Rangers in prevention of accidents.

DOCKING WITH KEEL AND BILGE BLOCKS
15 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN02352B
Title No. 000587 *Sale* $27.00
Explains by animation and demonstrates the procedures for docking from flooding of the dock to final securing.

DOLPHINS THAT JOINED THE NAVY, THE
27 min, 16mm film, optical sd, col 1964
Producer USN *Agency No.* MN10199
Title No. 277695 *Sale* $89.75
Shows the Navy's extensive research with dolphins and discusses future applications of the researchers' findings. Narrated by Glenn Ford.

* **DON'T BRING YOUR ENEMY HOME**
5 min, 16mm film, optical sd, b&w 1960
Producer USDA *Agency No.* 3039
Title No. 277725 *Sale* $80.00
Shows U.S. Department of Agriculture Inspection Detectives at work at airports and borders to keep plant and animal pests out of the United States.

* **DON'T BUILD THAT ROCKET ALONE**
64 fr, 35mm filmstrip, silent, col 1965
Producer USNASA
Title No. 005288 *Sale* $10.00
Emphasizes the importance of safety precautions and adult supervision in building and launching model rockets. The dangers of improper handling of such rockets are illustrated.

DON'T GET STRANDED
18 min, 16mm film, optical sd, b&w 1967
Producer USDOD *Agency No.* AFIF 0167
Title No. 277750 *Sale* $38.50
Tells service members how to arrange for travel by commercial aircraft at reduced rates while on leave. Discusses use of DOD form 1580, benefits of non-stop flights, baggage problems, and services afforded military travelers.
THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY*

DON'T LEAVE IT ALL TO THE EXPERTS
16 min, 16mm film, optical sd, col 1969
Producer USNMAC *Agency No.* M-1739
Title No. 277760 *Sale* $66.00
Outlines the main points of the air quality act and shows a public hearing in session. Explains individual responsibility and attempts to motivate the general public to take an active part in bringing about acceptable air quality in each community.

DOORWAY TO TOMORROW - CHALLENGE OF SPACE
29 min, 16mm film, optical sd, col 1962
Producer USNASA *Agency No.* HQA 171
Title No. 278040 *Sale* $117.25
Documents the new John F. Kennedy Space Center with emphasis on the Complex 39 "Moonport" from which the Apollo astronauts will be launched to the Moon.

* INDICATES NEW ENTRY

DOPPLER NAVIGATION SYSTEM AN/ASN-64 OPERATION
31 min, 16mm film, optical sd, b&w 1967
Producer USA *Agency No* TF11-3805
Title No 278055 *Sale* $53.50
Teaches pilots the features, capabilities and operation of the Doppler navigation set an/asn-64.

DOPPLER PRINCIPLES
30 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-903
Title No 278060 *Sale* $62.50
Explains the phenomenon of the Doppler effect through the use of animation and illustration. Explains the effects on a transmitted wave when it encounters a moving object or when the transmitter itself is moving, by showing the operation of a separate transmitter and receiver, and of a transmitter and receiver in the same unit. Explains the Doppler effect when the target is moving at various angles to the transmitter. (Kinescope)

DOUBLE INPUT MIXERS
27 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-621
Title No 278220 *Sale* $56.50
Identifies the components of a pentagrid tube, explains the construction used in the mixer, and discusses the two inputs and connections to the elements of the tube. Explains the operation of the circuit and its adaptability to a receiver, and discusses symptoms of component failure. (Kinescope)

DOUBLE PAPILLAE REPOSITIONED FLAP IN PERIODONTAL THERAPY
16 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No* D-022
Title No 278226 *Sale* $55.75
Demonstrates a double papillae repositioned flap procedure performed on a maxillary canine tooth to correct the soft tissue defect. Two interdental papillae on either side of the cleft serve as donor tissue to cover the denuded root surface. The surgical techniques and post-operative results of this current periodontal concept are presented by D Walter Cohen, DDS and Stanley E Ross, DDS, University of Pennsylvania, School of Dental Medicine.

DOUBLE RAM VERTICAL SURFACE BROACHING
30 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 238
Title No 278255 *Rental* $10.00 *Sale* $54.00
Tells how to assemble broaching inserts, mount and adjust the work fixtures, set trip dogs for the ram stroke, measure the workpiece after trial broaching, and surface broach at a production rate.
From the *MACHINE SHOP WORK* series. Operations on a Broaching Machine, No. 3

*** DR. DIAL - A GROUP**
3 min, 16mm film, optical sd, col
Producer USDH
Title No 003518 *Sale* $31.25
Shows a group of 5 30-minute TV spots. Calls attention to dental health and instructs the viewer to call 'Dr. Dial' for more information. Film allows for addition of local identification and telephone number.
OTHER FORMAT(S) or VERSION(S)
5 audiotape cassettes, 2 track, monaural
Producer USDH
Title No 003519 *Sale* $3.00

*** DR. DRAGSTEDT**
60 min, 16mm film, optical sd, b&w 1973
Producer USNMAC *Agency No* T-2370
Title No 002064 *Sale* $121.75
Features Dr. Dragstedt and his first research on gastric ulcer and the cause of pain. Discusses his later research on physiology of the parathyroid gland, and on gastric physiology and peptic ulcer, which led to the introduction of vagotomy as a surgical technique for duodenal ulcer. Highlights his experiences in Europe, where he studied abdominal surgery.
From the *GREAT MEN OF MEDICINE* series.

*** DR. HASTINGS**
60 min, 16mm film, optical sd, b&w 1973
Producer USNMAC *Agency No* T-2099
Title No 002065 *Sale* $137.00
Discusses some of his major research at Harvard, where he was for 23 years Hamilton Kuhn Professor of Biological Chemistry. Recalls his interest and research in electrolyte composition, tetany and parathyroid tetany, intermediary metabolism of lactic acid in the liver, the effect of chemicals on the mechanical work of the heart, and other application of biochemistry.
From the *GREAT MEN OF MEDICINE* series.

*** DR. HUGGINS**
60 min, 16mm film, optical sd, b&w 1973
Producer USNMAC *Agency No* T-2371
Title No 002066 *Sale* $125.75
Tells the story of Dr. Huggins and his research in endocrinology and prostatic cancer. Tells about his work on bone marrow, and his interest and work in the physiology and control of disease with the introduction of chemotherapy. Expresses his views on medical education and the future role of medicine.
From the *GREAT MEN OF MEDICINE* series.

*** DR. MCDERMOTT**
60 min, 16mm film, optical sd, b&w 1973
Producer USNMAC *Agency No* T-2109
Title No 002067 *Sale* $121.75
Expresses his views of U. S. medicine, where it stands today, and the future of medical education. Discusses his early research on infectious diseases and describes his experimentation with laboratory animals in field testing of the antimicrobial drugs, streptomycin, and isoniazed. Recalls the development of a research program for prevention and control of tuberculosis in Navaho Indians, and the problems solved.
From the *GREAT MEN OF MEDICINE* series.

*** DR. WANGENSTEEN**
60 min, 16mm film, optical sd, b&w 1973
Producer USNMAC *Agency No* T-2391
Title No 002068 *Sale* $121.50
Features Dr. Wangensteen and his work as the head of the Department of Surgery for a number of years. Recalls his research experiements on the etiology of appendicitis, and the etiology and surgical treatment of peptic ulcer and esophagitis. Emphasizes the importance of the history of medicine in medical education, and also the importance of encouraging and sharing opportunities with students.
From the *GREAT MEN OF MEDICINE* series.

*** DR. WOOD**
60 min, 16mm film, optical sd, b&w 1973
Producer USNMAC *Agency No* T-2107
Title No 002069 *Sale* $113.75
Highlights of his early years at Harvard College at John Hopkins University, where he studied Medicine - and at Washington University in St Louis, where he was head of the Dept of Medicine. Describes his primary interest in the mechanisms of disease - his many years of clinical research in the study of pneumococcal pneumonia before and after antibiotics were developed - and the pathogenesis of fever.
From the *GREAT MEN OF MEDICINE* series.

DRAFTS AND SLINGS
16 min, 16mm film, optical sd, b&w 1949
Producer USA *Agency No* TF55-1117
Title No 278900 *Sale* $28.50
Shows how to use sling or cargo net, pallet sling, and pie plate in handling cargo from docks and warehouses to holds.
THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY.

DRAGON'S TEETH
29 min, 16mm film, optical sd, b&w 1962
Producer USA *Agency No* TV 566
Title No 279060 *Sale* W/DRAWN
General J Lawton Collins tells of the fight to take the Siegfried line in World War II, and of the campaign to cross onto the soil of Germany.

* INDICATES NEW ENTRY

From the *BIG PICTURE* series.
CLEARED FOR TV

DREAM THAT WOULDN'T DOWN, THE
27 min, 16mm film, optical sd, b&w 1965
Producer USNASA *Agency No* HQK 125
Title No 279650 *Sale* $54.50
Features the dream of Dr Robert Goddard, the father of rocketry, is explored and examined through reminiscences of Mrs Goddard. Included are historic scenes of Dr Goddard's early experiments and the personal commentary of Mrs Goddard.

DRESDEN NUCLEAR POWER STATION
15 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No 001556 *Sale* $69.50
Surveys the construction of the 180,000 kilowatt Dresden Nuclear Power Station near the confluence of the Kankakee and Des Plaines River in Grundy County, Illinois. Includes scenes of the fabrication of the 350-ton reactor pressure vessel and other components. Includes aerial views and closeups of the construction of the 190-foot-diameter containment sphere for the reactor.

DRILL PRESS, THE
10 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 071
Title No 279850 *Rental* $5.00 Sale $17.50
Describes the characteristics, basic operation and function of the drill press.
From the *MACHINE SHOP WORK* series. Basic Machines

DRILLING A HOLE IN A PIN
10 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No* OE 046
Title No 279900 *Rental* $5.00 Sale $17.50
Shows two methods of drilling a hole in each end of a steel pin--drilling to a layout and drilling with a jig. Stresses the importance of following directions and of keeping machine and tools clean.
From the *MACHINE SHOP WORK* series. Operations on the Drill Press. Sensitive Drill, No. 1

DRILLING A WELL BY THE PERCUSSION METHOD
6 min, 16mm film, optical sd, col 1952
Producer USNMAC *Agency No* M-0046
Title No 279950 *Sale* $21.25
Explains the percussion well-drilling rig, the welldrilling tool, procedures in drilling the well, installation of casings, and use of a bailer in removing sludge and dirty water. User should supplement film with current data.

DRILLING AND TAPPING CAST STEEL
19 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No* OE 022
Title No 280050 *Rental* $7.50 Sale $33.75
Shows how to drill and tap blind holes in cast steel on a radial drill, using a jib with a loose drill bushing to locate the holes.
From the *MACHINE SHOP WORK* series. Operations on the Drill Press, Radial Drill, No. 1

DRILLING TO A LAYOUT AND SPOTFACING CAST IRON
15 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No* OE 023
Title No 280200 *Rental* $7.50 Sale $27.00
Shows in detail the techniques used when drilling to a layout and spotfacing the under side of a flange. Describes the method of mounting work on a table and explains the need for clamping it securely in place.

DRILLING WITH PORTABLE DRILL MOTORS
17 min, 16mm film, optical sd, b&w 1943
Producer USOE *Agency No* OE 138
Title No 280225 *Rental* $7.50 Sale $30.50
Tells how to use a portable electric drill motor, select a drill, insert the drill in a chuck, check the drill for true running, and install and use a special attachment for drilling.
From the *AIRCRAFT WORK* series. Assembling and Riveting, No. 3

DRILLING, BORING, AND REAMING WORK HELD IN CHUCK
11 min, 16mm film, optical sd, b&w 1941
Producer USOE *Agency No* OE 009
Title No 280300 *Rental* $5.00 Sale $19.25
Shows how to drill a workpiece held in a lathe chuck, bore a tapered hole, check the accuracy of the hole, and ream a tapered hole to finish size.
From the *MACHINE SHOP WORK* series. Operations on the Engine Lathe, No. 4

DRILLING, TAPPING, STUB-BORING AND REAMING
22 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 230
Title No 280350 *Rental* $7.50 Sale $38.50
Shows how to drill and machine-tap a hole, use a core drill, use a stub-boring bar for rough- and finishboring and counterboring, and use an adjustable reamer and a floating reamer.
From the *MACHINE SHOP WORK* series. Operations on the Horizontal Boring Mill, No. 6

DRIVING AND BUCKING RIVETS
18 min, 16mm film, optical sd, b&w 1943
Producer USOE *Agency No* OE 140
Title No 280750 *Rental* $7.50 Sale $32.00
Describes how to set up and adjust a rivet gun, drive and buck rivets, and how a riveter and bucker work together as a team.
From the *AIRCRAFT WORK* series. Assembling and Riveting, No. 5

DRIVING THE SEMI-TRAILER
19 min, 16mm film, optical sd, b&w 1948
Producer USA *Agency No* TF55-1478
Title No 280910 *Sale* $33.75
Explains the checking procedure for safety and protection of equipment and shows how to back a trailer up to a platform for loading and unloading.

DROWNPROOFING - SAFETY AND SURVIVAL TECHNIQUES FOR SWIMMERS AND NON-SWIMMERS
20 min, 16mm film, optical sd, col 1966
Producer USOEO
Title No 281401 *Sale* $62.00
Demonstrates the drownproofing techniques of water survival.

DRUG ABUSE EDUCATION AND INFORMATION SLIDE RESOURCE KIT
165 2x2 slides, silent, col
Producer USBNDD
Title No 003010 *Sale* $55.00
Designed to provide qualified drug abuse education speakers with illustrative supplements for their presentations. Slides are divided into eight sections and each slide has a brief caption to assist in adapting it into the speakers' presentation.

DRUG ABUSE EDUCATION MATERIAL
DRUG ABUSE EDUCATION PROGRAMS AND COUNCILS
DRUG ABUSER'S PROPAGANDA
DRUGS AND YOUR BODY
DRUGS OF ABUSE
HISTORY OF DRUG ABUSE
REHABILITATION AND TREATMENT CENTERS
U. S. BUREAU OF NARCOTICS AND DANGEROUS DRUGS

DRUG ABUSE EDUCATION MATERIAL
20 2x2 slides, silent, col
Producer USBNDD
Title No 003011 *Sale* $6.00
Section G of the Drug Abuse Education and Information Slide Resource Kit.

DRUG ABUSE EDUCATION PROGRAMS AND COUNCILS
15 2x2 slides, silent, col
Producer USBNDD
Title No. 003012 *Sale* $5.50
Section H of the Drug Abuse Education and Information Slide Resource Kit.

DRUG ABUSER'S PROPAGANDA
15 2x2 slides, silent, col
Producer USBNDD
Title No. 003013 *Sale* $5.50
Section B of the Drug Abuse Education and Information Slide Resource Kit.

• DRUG DIALOGUE - INVOLVEMENT
10 min, 16mm film, optical sd, col 1971
Producer USNIMH
Title No. 002070
Available only as part of a series. Presents two former undercover narcotic agents who discuss detection of drug abusers and how this affected their lives. Shows how they grew long hair, infiltrated the youth scene, and yet shared the values of the majority community while at the same time had to respond to the values of another culture.
From the *PROFESSIONAL DRUG FILMS* series.
RECOMMENDED FOR PROFESSIONAL USE ONLY.

• DRUG DIALOGUE - ORIENTATION
15 min, 16mm film, optical sd, col 1971
Producer USNIMH
Title No. 002071
Available only as part of a series. Explains the pharmacological information contained in a chart of major substances used for mind alteration. Encourages professionals to make use of the reference materials available to them.
From the *PROFESSIONAL DRUG FILMS* series.
RECOMMENDED FOR PROFESSIONAL USE ONLY.

• DRUG TALK - SOME CURRENT PROGRAMS
30 min, 16mm film, optical sd, col 1971
Producer USNIMH
Title No. 002072 *Rental* $12.50 Sale $63.75
Compares and contrasts several programs for the secondary level, and shows their effectiveness, or lack of it. Analyzes the concept of the 'drug abuse program' as a part of drug abuse prevention.
From the *SOCIAL SEMINAR* series.

• DRUGS AND BEYOND
30 min, 16mm film, optical sd, col 1971
Producer USNIMH
Title No. 002073 *Rental* $12.50 Sale $50.25
Explains that in the not-so-distant future, decisions concerning the use and/or abuse of drugs for 'positive' purposes--such as, increased learning power, memory stimulation, accelerated maturing processes, tension control--will become major responsibilities of educators and administrators. Looks into this future offering a perspective on the entire question of drug education. Suggests that everyone must begin to deal with ideas about manipulation and alteration of man's 'natural' state of being, and the consequences of such experimenting.
From the *SOCIAL SEMINAR* series.

DRUGS AND YOUR BODY
12 2x2 slides, silent, col
Producer USBNDD
Title No. 003014 *Sale* $5.50
Section D of the Drug Abuse Education and Information Slide Resource Kit.

DRUGS OF ABUSE
33 2x2 slides, silent, col
Producer USBNDD
Title No. 003015 *Sale* $10.00
Section C of the Drug Abuse Education and Information Slide Resource Kit.

• DRYER DRUM PROCESS
20 min, 16mm film, optical sd, col 1973
Producer USFHWA
Title No. 003114 *Sale* $70.25
Documents the FHWA evaluation studies of several hot mix plants utilizing the Dryer Drum Method of production. The plants are located in Iowa, Minnesota and led to the breakthrough in the production of bitumin North Dakota. Stringent pollution requirements have ous mixtures using penetration grade asphalts.

DUAL-DRUM PAVER PRODUCTIVITY
30 min, 16mm film,, optical sd, col 1960
Producer USFHWA
Title No. 282075 *Sale* $101.00
Shows action scenes from Paver operations. Illustrates how and to what extent operating delays affect Paver productivity on the jobs where Paver production rates ranged from low on some to outstanding on others.

DULLES INTERNATIONAL AIRPORT - PROGRESS REPORT
15 min, 16mm film, optical sd, col 1961
Producer USFAA *Agency No.* FA-0124
Title No. 282297 *Sale* $95.00
Illustrates the step-by-step progress of the construction of Dulles International Airport, including preliminary tests of the mobile lounge.

DUO-DIODE LIMITER - TSTR
27 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-505
Title No. 282298 *Sale* $56.50
Discusses the complete operation of the duo-diode limiter, and explains how the amount of bias affects the amount of limiting. By using a mock-up of the duo-diode limiter, demonstrates how the circuit operation is affected when a component is opened or shorted. Uses an oscilloscope to show the normal output of the circuit compared to the output when a component is defective. (Kinescope)

• DURATION - 1
13 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No.* A-101
Title No. 003389 *Sale* $30.50
Illustrates a child's third lesson on duration at the presentation stage.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Essentials of Good Speech*

• DURATION - 2
13 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No.* A-102
Title No. 003390 *Sale* $30.50
Introduces a lesson at the imitation stage of duration, the 'part' which will eventually be applied to a whole word or words.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Essentials of Good Speech*

• DURATION - 3
12 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No.* A-103
Title No. 003391 *Sale* $28.75
Uses the verbal direction alone to help the pupil learn correct syllable duration in the word.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Essentials of Good Speech*

• DUST IS DYING, THE
14 min, 16mm film, optical sd, col 1961
Producer USDA *Agency No.* 1438
Title No. 282382 *Sale* $64.00
Tells how farmers and ranchers on the great plains are preparing to prevent disaster by protecting the soil with grass and ground cover.

DYNAMICS OF OCCLUSION - MANDIBULAR TEETH
16 min, 16mm film, optical sd, col
Producer USVA *Agency No.* 8D-092
Title No. 282875 *Sale* $61.75
Develops the occlusing relationships of posterior mandibular

• INDICATES NEW ENTRY

teeth in centric and eccentric contacts by Assistant in Peridontology and Arnold S Weingold, Assistant Professor, University of Pennsylvania, School of Dental Medicine

DYNAMICS OF OCCLUSION - MAXILLARY TEETH
11 min, 16mm film, optical sd, col
Producer USVA *Agency No.* 8D-093
Title No. 282876 *Sale* $44.25
Develops the occluding relationship of posterior maxillary teeth in centric and eccentric contacts by reading imprints made in wax by the opposing teeth. By Morris Feder, CDT, Assistant in Peridontology and Arnold S Weingold, Assistant Professor, University of Pennsylvania, School of Dental Medicine

DYNAMICS OF OCCLUSION - NOMENCLATURE
16 min, 16mm film, optical sd, col
Producer USVA *Agency No.* 8D-091
Title No. 282877 *Sale* $61.25
Models are used to define the basic contact and functional areas of maxillary and mandibular teeth. Their application in centric and eccentric occlusion is exhibited. By Morton Amsterdam, Professor and Arnold S Weingold, Assistant Professor, University of Pennsylvania, School of Dental Medicine.

DYNAMICS OF OCCLUSION - OCCLUSAL ADJUSTMENT OF NATURAL DETENTION BY SELECTIVE GRINDING
15 min, 16mm film, optical sd, col 1970
Producer USVA *Agency No.* 8D-094
Title No. 282878 *Sale* $59.00
Demonstrates the principles and procedures used to correct occlusal disharmonies. Illustrated on articulator-mounted study casts. By Arnold S Weingold and Leonard Abrams, Assistant Professors, University of Pennsylvania, School of Dental Medicine

⊙ **EAGLE EYE BRAVO**
14 min, 16mm film, optical sd, col 1970
Producer USMC *Agency No.* MH10278L
Title No. 283200 *Sale* $58.25
Portrays the role and mission of the aerial observer in locating the enemy in the Republic of Vietnam.

⊙ **EAGLE EYED PILOT**
25 min, 16mm film, optical sd, col 1972
Producer USFAA *Agency No.* FA-08-71
Title No. 002074 *Sale* $101.75
Stresses that a pilot's 'eagle' vision and flight safety go hand-in-hand. It acquaints the general aviation pilot with the physiology of pilot vision. Highlights the limitations of the eye in flight and factors that can affect and impair sight and safety while airborne.

EAGLE HAS LANDED - THE FLIGHT OF APOLLO 11
29 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No.* HQ 194
Title No. 283380 *Sale* $119.50
Shows man's first Moon landing, July 1969, including highlights of the flight of astronauts Armstrong, Aldrin, and Collins from launching through post-recovery activities, with emphasis on initial exploration of the lunar surface.

EAR, NOSE AND THROAT TREATMENTS
15 min, 16mm film, optical sd, b&w 1959
Producer USN *Agency No.* MN08576I
Title No. 283490 *Sale* $27.00
Explains the duties and responsibilities of hospital corpsmen in providing certain simple treatments for the ear, nose and throat as ordered by medical officers, for patients in wards of Naval hospitals. Depicts in detail the following treatment-instillation of ear drops, irrigation of the ear, instillation of nose drops, application of a nasal spray, application of a throat spray, and irrigation of the throat.

EARLIEST CLINICAL SIGNS OF INTRA-ORAL MALIGNANCIES
25 min, 16mm film, optical sd, col 1962
Producer USVA
Title No. 283495 *Sale* $84.75
Shows a systematic procedure for examining the oral cavity. Demonstrater the papanicolaou smear technique and points out maturational disorders of the oral epithelium progressing from hyperplasia to carcinoma.

⊙ **EARLY CUTANEOUS LEISHMANIASIS**
7 min, 16mm film, optical sd, col 1962
Producer ILDS
Title No. 004552 *Sale* W/DRAWN
Illustrates a common form of leishmaniasis. Discusses disfigurement following the disease and its possible prevention. Describes newer and older forms of therapy.

⊙ **EARLY DIAGNOSIS OF MALIGNANT MELANOMA**
24 min, 16mm film, optical sd, col
Producer IDCE
Title No. 004553 *Sale* W/DRAWN
Demonstrates differential features of the three kinds DF malignant tumors of pigment-forming cells. Gives guidelines for their early recognition by the nonspecialist and criteria for their prognosis.

EARLY MANAGEMENT OF COMPLEX PROBLEMS IN TRAUMA
40 min, 16mm film, optical sd, b&w 1964
Producer USNMAC *Agency No.* T-1826-X
Title No. 283990 *Sale* $81.00
Discusses the approach to be taken when the problem of trauma develops in a patient who has sustained multiple injuries. Emphasizes early evaluation and priorities of treatment, resuscitation, timing the operation and the conduct of the operation. Discussed by Paul S Russell, MD, Harvard Medical School. (Kinescope)

EARS, THE
18 min, 16mm film, optical sd, col 1970
Producer USNMAC *Agency No.* M-1719
Title No. 284300 *Sale* $74.25
Examines the auricles, external auditory canals, and tympanic membranes.

⊙ **EARTHQUAKE**
13 min, 16mm film, optical sd, col 1973
Producer USOCD *Agency No.* DD-CP20-280
Title No. 003524 *Sale* $50.50
Tells the story of what happened when the Los Angeles and San Fernando Valley earthquake started and how the people and their governments responded. For fiber shipping case, please add $1.85.
CLEARED FOR TV

⊙ **EARTHQUAKE**
29 min, 16mm film, optical sd, col 1972
Producer USDCPA *Agency No.* DD-CP-20278
Title No. 002075 *Sale* $96.25
Tells the story of what happened in Southern California when an earthquake struck, and how the people and their government responded.

⊙ **EASIER WAY, AN**
4 min, 16mm film, optical sd, col 1964
Producer USDA *Agency No.* 4157
Title No. 006396 *Sale* $24.00
Features a modern farmer cooperative which distributes formula feeds through relay bulk feed stations to farmers. The story contrasts old ways of handling feed and new methods which reduce costs and labor.

⊙ **EASIER WAYS OF LOGGING**
26 min, 16mm film, optical sd, col 1952
Producer USDA *Agency No.* 1119
Title No. 285825 *Sale* $121.00
Demonstrates recommended logging practices with particular emphasis on methods for farmers and small woodland owners in the eastern United States. Explains the sources of information on logging.
CLEARED FOR TV

⊙ **EASIER WAYS OF LOGGING (SPANISH)**
26 min, 16mm film, optical sd, col 1952
Producer USDA *Agency No.* 1119-S
Title No. 003937 *Sale* $121.00
Demonstrates recommended logging practices with particular emphasis on methods for farmers and small woodland

owners in the eastern United States. Explains the sources of information on logging.
CLEARED FOR TV.

*EASTERN WHITE PINE
19 min, 16mm film, optical sd, col 1960
Producer USDA *Agency No.* 1424
Title No. 003938 *Sale* $89.00
A story of managemtnt and protection of white pine, so important in the forest economy of eastern communities. Explains significance of blister rust and pine weevil control programs - portrays the work of a farm forester in giving helpful advice to private woodland woners. Shows values that follow good management practices and control of pests.

EATON AGENT PNEUMONIA
17 min, 16mm film, optical sd, col 1961
Producer USNMAC *Agency No.* M-0479
Title No. 286175 *Sale* $58.50
Traces the first study made in isolating and defining the cause of eaton agent pneumonia, and the later confirmation of the agent by means of the fluorescent antibody technique. Explains how the eaton agent was induced, the clinical manifestations, and the treatment with dimethylchlortetracycline.

EBR-I CORE DISASSEMBLY AFTER MELTDOWN
13 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No. 001644 *Sale* $62.25
Presents some major aspects of the removal and subsequent disassembly of the core of experimental breeder reactor I, mark 2, following meltdown. Illustrates the hot-laboratory remote-control techniques used to separate and recover enriched fuel from the blanket material.

EBR-II FUEL FACILITY
13 min, 16mm film, optical sd, col 1964
Producer USAEC
Title No. 001645 *Sale* $48.50
Shows how the radioactive fuel from the experimental breeder reactor II is disassembled, reprocessed, and fabricated without prior time-consuming radioactive cooling periods. Describes how all facets of the system are designed for remote operation, repair, and modification of equipment.

ECCO
7 min, 16mm film, optical sd, col
Producer USSRS
Title No. 286190 *Sale* $29.50
Depicts the financing of a neighborhood rehabilitation facility in Columbus, Ohio.

*ECHO IN SPACE - COMMUNICATION MILESTONE
14 min, 16mm film, optical sd, col 1961
Producer USNASA *Agency No.* HQ 037
Title No. 286390 *Sale* $91.50
Describes the first establishment of communications in outer space by the satellite project Echo, in 1960.

*EDUCATIONAL DIAGNOSIS
29 min, 16mm film, optical sd, col
Producer USBEH
Title No. 000331 *Sale* $115.50
The film demonstrates educational assessment for the young hearing impaired. Represented are subtests and adaptations of the Hiskey-Nebraska color test, a motor battery, language toys, draw-a-person, Bender Gestalt, Wisc performance, Knox cubes, Grace Arthur stencil design, Peabody picture vocabulary test and Myklebust picture story test.
OTHER FORMAT(S) or VERSION(S)
29 min, s8mm cartridge, optical sd, col
Producer USBEH
Title No. 003392 *Sale* $67.00

EDUCATIONAL OPPORTUNITIES IN THE U S MARINE CORPS
14 min, 16mm film, optical sd, col 1965
Producer USMC *Agency No.* MH10140
Title No. 288525 *Sale* $58.25
Shows how educational opportunities are related to military duties and future employment and ways they benefit the individual marine in the Corps and in civilian life.

*EDUCATIONAL TECHNOLOGY
12 min, 16mm film, optical sd, col
Producer USBEH
Title No. 000332 *Sale* $52.50
This film is a presentation of how teaching machines, auditory aids, recording devices and visual displays are used in educational programs for the development of speech with the hearing impaired.
OTHER FORMAT(S) or VERSION(S)
12 min, s8mm cartridge, optical sd, col
Producer USBEH
Title No. 003393 *Sale* $35.50

EFFECTIVE BRIEFING
24 min, 16mm film, optical sd, col 1960
Producer USAF *Agency No.* TF01-5332
Title No. 288800 *Sale* $81.50
Shows how to plan, organize, prepare, rehearse and deliver staff and command briefings. Stresses accuracy, brevity and clarity in communications.

EFFECTS OF AIR POLLUTION
5 min, 16mm film, optical sd, col 1962
Producer USNMAC *Agency No.* MIS-0678
Title No. 000563 *Rental* $9.99 *Sale* W/DRAWN
Acquaints the viewer with the relationship between our modern technological way of life and air pollution. It gives examples of adverse effects on health, agriculture, and our total economy.

*EFFECTS OF CO ON HUMAN PERFORMANCE
25 min, 16mm film, optical sd, col 1973
Producer USEPA
Title No. 003511 *Sale* $97.75
Documents some of the current research being performed by the National Environmental Research Center of the U S Environmental Protection Agency, and other cooperative laboratories on the effects of low-levels of carbon monoxide on human performance.

EFFECTS OF THE IONOSPHERE ON RADIO WAVE PROPAGATION, THE
29 min, 16mm film, optical sd, b&w 1950
Producer USA *Agency No.* TF11-1632
Title No. 001646 *Sale* $50.25
Explains the characteristics of propagated radio waves at various frequencies, ground and sky waves, effect of the ionosphere on sky waves, and the effects of favorable and unfavorable atmospheric conditions.

EGGS AND MIRACIDIA OF SCHISTOSOMA MANSONI
3 min, 16mm film, silent, b&w 1947
Producer USNMAC *Agency No.* 4 067
Title No. 289525 *Sale* $12.75
Shows photomicrographic scenes of schistosoma mansoni eggs hatching in fresh water, and the miracidia searching for a suitable snail as the intermediate host.
RECOMMENDED FOR PROFESSIONAL USE.

EIGHT MISSION, THE
29 min, 16mm film, optical sd, col 1968
Producer USCG
Title No. 000588 *Sale* $115.50
Highlights the major missions of the Coast Guard to serve better the needs of the domestic and international maritime community and the marine sciences.
CLEARED FOR TV.

EIGHT-MM FILM, THE - ITS EMERGING ROLE IN EDUCATION
28 min, 16mm film, optical sd, col 1966
Producer USOE
Title No. 290125 *Sale* $94.50
Explores the educational potential of 8 MM film. Presents a sampling of activities in the field. Suggests both the current state and future promise of the role of 8 MM film in education.

EIGHTH GRADE MATHEMATICS
10 min, 16mm film, optical sd, b&w 1968
Producer USOE *Agency No* OE 507
Title No. 290815 *Rental* $5.00 Sale $17.50
One of a series designed to stimulate teacher discussion of the various uses of programmed instruction in teaching eighth grade mathematics.
From the *PROGRAMMED INSTRUCTION - THE TEACHER'S ROLE Series.*

ELECTRIC POWER GENERATION IN SPACE
27 min, 16mm film, optical sd, col 1967
Producer USNASA *Agency No* HQ 155
Title No. 293625 *Sale* $109.50
Shows the wide range of power requirements for space exploration and the need for absolute trouble-free operation.

ELECTRIC PROPULSION
24 min, 16mm film, optical sd, col 1965
Producer USNASA *Agency No* HQ 096
Title No. 293650 *Sale* $99.75
Shows what electric propulsion is, how it works, why it is needed, its present status and program for development, and how it may be used for both manned and unmanned missions.

ELECTRICAL CIRCUIT FAULTS
19 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 375
Title No. 293700 *Rental* $7.50 Sale $33.75
Shows how to test for and locate common circuit faults, such as grounds, resistance deterioration and interference in circuits.
From the *ELECTRICAL WORKS* series. Wiring, No. 6

***ELECTRICAL EQUIPMENT - MASTER OR SERVANT**
18 min, 16mm film, optical sd, col 1965
Producer USBM
Title No. 003559 *Sale* $75.75
Demonstrates how electrical equipment can act as ignition sources to cause fires and explosions in gaseous atmospheres. The use of permissible, explosion-proof equipment is then demonstrated, showing how ignitions are prevented, and precautions are outlined for working with electrical equipment.
PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

ELECTROMAGNETIC CATHODE RAY TUBE - THEORY OF OPERATION
20 min, 16mm film, optical sd, b&w 1958
Producer USN *Agency No* MN 8614
Title No. 001647 *Sale* $35.25
Shows how the electrons are acted upon by the electron effect of a gun, control grid, and screen shield. Describes the magnetic field on an electron in motion as the basis for the action of the focus coil and deflection coil. Explains how a rotation sweep results from deflection coil currents out of phase by 90 degrees.

ELECTROMAGNETIC INTERFERENCE ASHORE
18 min, 16mm film, optical sd, b&w 1961
Producer USN *Agency No* MN 8912
Title No 001648 *Sale* $32.00
Importance of radio communications and sources of electromagnetic interference. Identification and analysis. Interference reduction principles and designing out the interference.

ELECTROMAGNETISM
25 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-136
Title No. 295275 *Sale* $52.50
Discusses the characteristics of electromagnetism, and then explains the characteristics of a magnetic field around a current carrying conductor demonstrated with iron filings and a compass. Then shows the 'left-hand' rule for determining current flow in an electromagnet. Illustrates the use of a 'dot' and a 'cross' to designate current flow. Gives the two characteristics of a magnetic field around a current-carrying coil and the two factors which determine the strength of the magnetic field. (Kinescope)

ELECTROMAGNETS
3 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No* MN08016D
Title No 295550 *Sale* $6.25
Shows that by use of a magnetic field, current can be induced, and that this current in turn induces a magnetic field all along the wire. Shows the components of an electromagnet and explains how its strength can be varied.

ELECTRON COUPLED OSCILLATOR
37 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK30-532
Title No. 001650 *Sale* $76.25
Shows the need for a buffer amplifier and its position in an oscillator circuit. Points out the purpose of each component and explains the operation of the electron coupled oscillator. Discusses frequency multiplication, with the results obtained in the output when tuning the buffer amplifier. Discusses frequency stability and output power of the circuit. (Kinescope)

ELECTRON THEORY, THE
5 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No* MN 8016A
Title No. 001649 *Sale* $9.25
Shows the orbit of electrons around a representative atom. Describes the symbols used for neutral atom, electon, and atom with one positive chargé, and normal electron motion and outside force producing electron motion in one direction, called current flow.

ELECTRON, THE - AN INTRODUCTION
16 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 175
Title No. 296075 *Rental* $7.50 Sale $28.50
Describes the nature of electrons, electron flow in solid conductors, electromotive force, types and control of electron flow, electron flow and magnetic fields, and induced electron flow.
From the *ENGINEERING* series. Electronics, No. 1

ELECTRONIC FUNCTIONAL MODULES
17 min, 16mm film, optical sd, col 1960
Producer USN *Agency No* MN 7460B
Title No. 296354 *Sale* $58.50
Portrays military dependence upon electronic systems and endeavors to persuade industry to adopt modular design and mechanized production in electronic manufacturing.

ELECTRONIC ROUTE SYSTEM
14 min, 16mm film, optical sd, col 1969
Producer USFHWA
Title No. 001651 *Sale* $58.25
Traces the electronic route guidance system project from its conception through the present state of the art.

ELECTRONIC VOLTAGE REGULATORS
28 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK30-431
Title No. 001652 *Sale* $58.50
States the purpose of each component in an electronic voltage regulator. Explains the effect on the output voltage, and on the voltage across each component when the voltage adjust is varied, the load is varied, and the input voltage is varied. (Kinescope)

ELECTRONICS - SPECIAL CIRCUITS AND DEVICES FREE RUNNING BLOCKING OSCILLATOR CIRCUIT
7 min, 16mm film, optical sd, b&w 1959
Producer USN *Agency No* MN 8814D
Title No. 296350 *Sale* $12.50
FULL TITLE--OPERATION. A Simplified Version of the Blocking Oscillator.

ELECTRONICS - SPECIAL CIRCUITS AND DEVICES WAVEGUIDES
18 min, 16mm film, optical sd, b&w 1959
Producer USN *Agency No.* MN 8814A
Title No. 296352 *Sale* $32.00
Gives theory of energy propagation down a waveguide.

ELECTRONICS - SPECIAL CIRCUITS AND DEVICES - TRIGGERED BLOCKING OSCILLATOR CIRCUIT OPERATION
7 min, 16mm film, optical sd, b&w 1963
Producer USN *Agency No.* MN 8814E
Title No. 296351 *Sale* $12.50
Shows conditions necessary for triggered blocking oscillator.

ELECTROSTATIC CATHODE-RAY TUBE
38 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK30-425
Title No. 001653 *Sale* $78.50
Gives a pictorial view of a cathoderay tube, and identifies the three components necessary to form the tube. (Kinescope)

ELECTROSTATIC PRINCIPLES - ATOMIC STRUCTURE OF MATTER
30 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK30-104
Title No. 001654 *Sale* $62.50
Defines matter and discusses the various states of matter. Defines elements, compounds, atoms, and molecules. (Kinescope)

ELECTROSTATIC PRINCIPLES - CHARGED BODIES
29 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK30-106
Title No. 001655 *Sale* $60.50
Relates the effect of charged bodies to each other and lists the three possible electrical conditions of a charged body. States and discusses the law of attraction and repulsion between charged bodies. (Kinescope)

ELECTROSTATIC PRINCIPLES - CONDUCTORS AND INSULATORS
18 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK30-105
Title No. 001656 *Sale* $38.50
Discusses the atomic construction of conductors and then defines 'conductor' in these terms. Identifies the materials which comprise conductors and lists the more important ones. (Kinescope)

ELEMENTARY EDUCATION
24 min, 16mm film, optical sd, col 1970
Producer USBEH
Title No. 001657 *Rental* $12.50 Sale $112.00
Demonstrates language as taught at a Belgian residential school for Boys, in Swedish extern classes, and the Woodford School at Essex, England.
From the *INTERNATIONAL EDUCATION OF THE HEARING IMPAIRED CHILD* Series.

ELEMENTARY OPTICS IN PHOTOGRAPHY
18 min, 16mm film, optical sd, b&w 1948
Producer USN *Agency No.* MN05384
Title No. 297250 *Sale* $33.75
Explains principles of lighting effect and how light is reflected and refracted by the curvature and thickness of glass.
From the *FUNDAMENTALS OF PHOTOGRAPHY* series.

ELEMENTS OF ELECTRICITY
15 min, 16mm film, optical sd, b&w 1942
Producer USA *Agency No.* TF11-0622
Title No. 298050 *Sale* $27.00
Explains the breakdown of a molecule into atoms, and the relation of protons and electrons to electricity.

ELEVATION ACTIVITIES OF THE PARAPLEGIC PATIENT
7 min, 16mm film, optical sd, col
Producer USNMAC *Agency No.* M-1408
Title No. 001658 *Sale* $24.50
Demonstrates the ascent and descent of curbs, steps and ramps with the use of axillary crutches. Emphasizes on spotting techniques for the therapist.

ELIMINATION OF A SHALLOW INFRABONY POCKET BY OSTECTOMY IN RETROMOLAR AREA
10 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No.* D-84
Title No. 001659 *Sale* $33.00
A shallow broad-based infrabony pocket is treated by ostectomy. After adequate access has been developed, the lesion is eliminated and physiologic osseous architecture is established.

****EMBANKMENT COMPACTION CONTROL - FAMILY OF CURVES**
15 min, 16mm film, optical sd, col 1973
Producer USFHWA
Title No. 000896 *Sale* $58.25
Shows the proper methods for soil testing and quality control by the use of a family of curves and the one-point compaction test.

EMBASSY MARINE - A SENSE OF RESPONSIBILITY
28 min, 16mm film, optical sd, col 1964
Producer USMC *Agency No.* MH09824
Title No. 001660 *Sale* $113.50
Shows the training of embassy Marines and the mission of marine security detachments on duty at the state department.

EMBRYOLOGY OF THE LIVER, GALLBLADDER, AND PANCREAS
18 min, 16mm film, optical sd, col 1952
Producer USA *Agency No.* TF08-0003
Title No. 001661 *Sale* $74.25
Consists of a simple visualization of the embryology of these organs particularly focusing on anomalies and variations commonly discovered by surgeons.
CLEARED FOR TV.

EMBRYONATED EGG TECHNIQUES, PT 1 - INOCULATION
6 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No.* M847
Title No. 001665 *Sale* $19.50
Demonstrates techniques of inoculation from embryonated eggs for virus isolation.

EMBRYONATED EGG TECHNIQUES, PT 2 - HARVESTING
7 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No.* M-916
Title No. 001666 *Sale* $24.50
Demonstrates techniques of harvesting fluids from embryonated eggs inoculated with viruses.

****EMERGENCY DENTAL TREATMENT**
29 min, 16mm film, optical sd, col 1971
Producer USN *Agency No.* MN-11042
Title No. 002076 *Sale* $115.50
Teaches medical and para-medical personnel an emergency treatment of toothache, periocoronitis, periodontal abscesses of necrotizing ulcerative gingivitis on isolated sea or shore duty.

****EMERGENCY INVESTIGATION OF COAL WASTE EMBANKMENTS**
16 min, 16mm film, optical sd, col 1972
Producer USBM
Title No. 003569 *Sale* $62.00
Shows different types of coal waste deposits, or dams, and how they are formed. Actual scenes taken after the Buffalo Creek, W. VA., Flood disaster (caused by the failure of a water impoundment and coal refuse dump) are shown. Investigations and evaluations aided the Bureau in determining any immediate, or imminent, hazards to mine employees, or people living nearby, and were used to recommend any corrective measures considered necessary for protection of lives and property.
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* INDICATES NEW ENTRY

EMMY IMMUNIZATION
5 min, 16mm film, optical sd, col
Producer USNMAC *Agency No.* MIS-934
Title No. 300300 *Sale* $29.25
Encourages the establishemnt of an emmy immunization program in your area.

***EMOTIONAL TIES IN INFANCY**
12 min, 16mm film, optical sd, b&w 1971
Producer USPHS
Title No. 002077 *Sale* $28.50
Shows the importance of strong emotional ties between infant and adult by comparing four 8-10-month-old infants - a home-raised girl with strong attachment to her mother - a child in an institution who is equally attached to his nurse - another institutional baby who is indiscriminate in his attachment to any adult - still another baby in an institution who has formed no attachment, and who appears withdrawn and uninterested in his surroundings.

EMPLOYING BLIND WORKERS IN INDUSTRY
17 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 165
Title No. 300725 *Rental* $7.50 Sale $30.50
Depicts actual instances of blind workers performing jobs in industry, types of work which can be done by blind persons, and role of employment specialists in placing and training blind workers.
From the *PROBLEMS IN SUPERVISION* series.

EMPLOYING DISABLED WORKERS IN INDUSTRY
20 min, 16mm film, optical sd, b&w 1946
Producer USOE *Agency No.* OE 399
Title No. 300750 *Rental* $7.50 Sale $35.25
Illustrates examples of disabled workers handling skilled industrial jobs--one-handed milking machine operator, one-handed machinist, one-armed electric welder, one-handed watch repairman, poliomyelitis-crippled jewelry maker, and one-handed secretary.
From the *PROBLEMS IN SUPERVISION* series.

ENDFEED GRINDING A TAPERED PIN
26 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 089
Title No. 301725 *Rental* $10.00 Sale $45.50
Gives principles of endfeed grinding such as how to true the regulating and grinding wheels, rough- and finish-endfeed grind, use a taper collet gage and prussian blue to check work, redress the wheels for the finish grind, and correct taper error of less than .0005 inch.
From the *MACHINE SHOP WORK* series. Operations on the Centerless Grinding Machine, No. 5.

***ENDLESS CHAIN**
28 min, 16mm film, optical sd, col 1971
Producer USAEC
Title No. 002078 *Sale* $75.00
Demonstrates the work being done by the U. S. Atomic Energy Commission at its Ecological Study Sanctuary in Southeastern Washington State. Speaks of the ceaseless cycle of birth and death and the endless chain of vital forces that begin with the Sun's energy.

ENDOCRINOLOGIC ASPECTS OF AMENORRHEA
34 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No.* T-1738
Title No. 301850 *Sale* $70.50
Presents the various causative factors resulting in secondary amenorrhea. Emphasis is placed on differential diagnosis by clinical laboratory tests. (Kinescope)

***ENDODONTICS - PULP MORPHOLOGY AND EFFECTIVE ACCESS, PT 1, THE ANTERIOR TEETH**
20 min, 16mm film, optical sd, col 1971
Producer USN *Agency No.* MN-10813B
Title No. 002080 *Sale* $81.75
From the *ENDODONTICS* series.

***ENDODONTICS - PULP MORPHOLOGY AND EFFECTIVE ACCESS, PT 2, THE BICUSPID TEETH**
11 min, 16mm film, optical sd, col 1971
Producer USN *Agency No.* MN-10813B
Title No. 002081 *Sale* $44.75
From the *ENDODONTICS* series.

***ENDODONTICS - PULP MORPHOLOGY AND EFFECTIVE ACCESS, PT 3, THE MOLAR TEETH**
20 min, 16mm film, optical sd, col 1971
Producer USN *Agency No.* MN-10813B
Title No. 002082 *Sale* $81.75
From the *ENDODONTICS* series.

***ENDODONTICS - PULP MORPHOLOGY AND EFFECTIVE ACCESS, DIAGNOSIS AND CASE SELECTION**
28 min, 16mm film, optical sd, col 1971
Producer USN *Agency No.* MN-10813A
Title No. 002079 *Sale* $113.50
From the *ENDODONTICS* series.

ENEMAS
20 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN01511V
Title No. 000590 *Sale* $35.25
Discusses two main types of enemas retention and evacuant and demonstrates the procedure for giving them and the after-care of the patient and equipment.

ENEMY AGENT AND YOU, THE
25 min, 16mm film, optical sd, b&w 1965
Producer USDOD *Agency No.* DOD IS 07
Title No. 301875 *Sale* $43.75
Reveals the techniques and devices used by professional enemy agents to obtain security information.

ENEMY IN YOUR HOME
13 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No.* M-0911
Title No. 301910 *Sale* $45.25
Explains the epidemiology of dengue and yellow fever, the biology and methods of surveying and controlling the yellow fever mosquito (aedes aegypti). A general film designed to obtain support from health workers and the general public for the aedes aegypti eradication program.

ENGINE ASSEMBLY
19 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 463
Title No. 303100 *Rental* $7.50 Sale $33.75
Shows how to check the cylinder head and block, intake and exhaust manifolds, under-chassis parts, valve mechanism and adjusting tappets, vents, screw and air filters, oil filter and lines and cylinder depression.

ENGINE ASSEMBLY (SPANISH)
19 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 463
Title No. 001667 *Rental* $7.50 Sale $33.75
Shows how to check the cylinder head and block, intake and exhaust manifolds, under-chassis parts, valve mechanism and adjusting tappets, vents, screw and air filters, oil filter and lines and cylinder depression.

ENGINE CHANGE - INSTALLATION
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 273
Title No. 303160 *Sale* $35.75
Describes safety precautions to be observed when installing an engine, how to inspect engine mount, controls, and firewall, connect controls and attachments, ground-test the engine, and prepare for check flight.
From the *AIRCRAFT WORK* series. Power Plant Maintenance.

ENGINE CHANGE - REMOVAL
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 272
Title No. 303165 *Sale* $35.75
Shows safety precautions to be observed when removing an engine, how to disconnect controls and attachments, remove the engine, and inspect the mount, firewall, and controls.

* INDICATES NEW ENTRY

From the *AIRCRAFT WORK* series Power Plant Maintenance

ENGINE REASSEMBLY, PT 1
16 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No* MN02364J
Title No 303210 *Sale* $28.50
Tells how to inspect the liner, seat the seal in position in the cylinder block, lower the liner and fit the piston into the liner, put shell into connecting rod bearing, and install the connecting rod bearing cap

ENGINE REASSEMBLY, PT 2
17 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No* MN02364K
Title No 303211 *Sale* $30.50
Shows how to install fire gasket, liner, cylinder nuts, motor header flange, liner drain plug, exhaust manifold gasket and coverframe, lube oil lines, and install cylinder head cover.

ENGINE REASSEMBLY, PT 3
16 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No* MN02364L
Title No 303212 *Sale* $28.50
Describes how to secure exhaust manifold, install indicator cock and relief valve unit, secure air starting manifold and supply lines, remove coupling gear, close indicator cocks, and tighten wrist pin bolt.

ENGINE TESTS AND TUNE UP
18 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 465
Title No 303200 *Rental* $7.50 Sale $32.00
Shows how to adjust the automatic choke and check and adjust ignition, valve tappets, and carburetor. Describes how to make vacuum gage tests and test the vacuum brake system.
From the *AUTOMOTIVE OPERATION AND MAINTENANCE* series. Preventive Maintenance, No. 5

ENGINEERED PERFORMANCE STANDARDS PROGRAM, THE
16 min, 16mm film, optical sd, b&w 1953
Producer USN *Agency No* MN07837
Title No 303265 *Sale* $28.50
Explains the engineered performance standards program and its benefits to workers and to management at U S Naval Air Stations.

ENGINEERING DATA MANAGEMENT
11 min, 16mm film, optical sd, col 1966
Producer USAF *Agency No* SFP 1483
Title No 303279 *Sale* $37.25
Describes program developed by Air Force Logistics Command for obtaining necessary engineering data about Air Force Weapon Systems. Shows how the contractor provides such information direct to the user. Explains advantages of the program to both contractor and Air Force. Also discusses priorities of requests for information and necessary controls.
CLEARED FOR TV.

ENGINEERING DOCUMENTATION FOR UNIFORM REQUIREMENTS
25 min, 16mm film, optical sd, col 1967
Producer USA *Agency No* MF20-9313
Title No 303281 *Sale* $84.75
Describes the development of standardization conceptions for an overall engineering drawing aera. Traces the reasons behind a standardization concept and portrays a history of events leading to its successful completion. Illustrates the difficulties surrounding such projects and gives insight into the machinery used to bring the military and industry to an agreement on a basic document for the procurement of engineering drawings by the military from contractors.

ENGINEERING TEST REACTOR
14 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No 001669 *Sale* $67.00
Discusses the design, construction, operations, and uses of the Atomic Energy Commission's nuclear test reactor at the National Reactor Testing Station in Idaho.
OTHER FORMAT(S) or VERSION(S)
22 min, 16mm film, optical sd, b&w 1958
Producer USAEC
Title No 001668 *Sale* $38.50

ENGLISH HIGH SCHOOL, AN
13 min, 16mm film, optical sd, col 1970
Producer USBEH
Title No 304202 *Sale* $68.00
Observes science, history, and french classes at the Mary Hare Grammar School, England.
From the *INTERNATIONAL EDUCATION OF THE HEARING Impaired Child Series.*

ENUCLEATION OF A DENTIGEROUS CYST OF THE MAXILLA
7 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No* D-097
Title No 305240 *Sale* $28.25
Gives diagnostic and surgical procedures for treatment of a dentigerous cyst. Describes the histopathological characteristics. By Noah R Calhoun, DDS, MSD, Oral Surgeon, V A Hospital, Washington, D C.

ENUCLEATION OF A MANDIBULAR RADICULAR CYST
7 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No* D-75S
Title No 000591 *Sale* $30.75
Complete enucleation is generally considered to be the operative treatment of choice for uncomplicated cysts. Demonstrates the procedures involved in the surgical removal of a radicular cyst and primary closure of the wound.

✲**ENVIRONMENT FOR EDUCATION**
19 min, 16mm film, optical sd, col 1973
Producer USDCPA *Agency No* CP5-272
Title No 002083 *Sale* $78.00
Explains, by example, that well designed school buildings can provide protection against vandalism, noise pollution, natural disaster hazards, as well as radioactive fallout.

ENVIRONMENTAL FACTORS AFFECTING RELIABILITY OF ELECTRONIC EQUIPMENT
17 min, 16mm film, optical sd, b&w 1956
Producer USN *Agency No* MN 8681A
Title No 305290 *Sale* $30.50
Explains the influence of Naval shipboard environments (shock, vibration, salt spray, and temperature) upon the reliability of electronic equipment. Demonstrates the correlation of these environmental factors with specifications and testing procedures.

✲**ENVIRONMENTAL SANITATION**
9 min, 16mm film, optical sd, col 1945
Producer USOIAA
Title No 305350 *Sale* W/DRAWN
Explains why sanitary facilities and practices are necessary to protect the health and lives of people living in crowded cities.

✲**ENVIRONMENTAL SCHOOL, THE**
8 min, 16mm film, optical sd, col 1971
Producer USDA *Agency No* 8950-7
Title No 003788 *Sale* $41.00
A series made in the schools of Detroit, Michigan on 'outdoor classrooms.' Shows school with open area developed to teach children about plants, insects, bird and animal life. The actual voices of various teachers and students can be heard telling their story.

ENVIRONMENTIAL TESTING AT SANDIA
28 min, 16mm film, optical sd, col 1964
Producer USAEC
Title No 001670 *Sale* $88.00
Provides a semi-technical discussion on the natural and induced environments affecting the reliability of weapon components and systems between their manufacture and use. Includes a series of test sequences showing some of the facilities of the Atomic Energy Commission's installation at Sandia Laboratory.

EPIDEMIC OF HISTOPLASMOSIS, AN
17 min, 16mm film, optical sd, col 1961
Producer USNMAC *Agency No.* M-0534
Title No. 305375 *Sale* $58.50
Explains how an epidemic of acute respiratory disease in a Boy Scout troop is investigated by chest survey, histoplasmin skin tests, and complement fixation to confirm histoplasmosis. Discusses the soil cultures of the site of exposure, a startling roost, explaining that they implicate the guano-fertilized park area.

EPIDEMIOLOGY OF INFLUENZA, THE
13 min, 16mm film, optical sd, b&w 1950
Producer USNMAC *Agency No.* 4 100
Title No. 000593 *Sale* $23.75
Reviews the historical significance of influenza, discusses its behavior and periodicity, and explains the program of the World Health Organization with regard to the disease.

EPIDEMIOLOGY OF MURINE TYPHUS
18 min, 16mm film, optical sd, b&w 1953
Producer USNMAC *Agency No.* 4-049.1
Title No. 305448 *Sale* $32.00
Presents epidemiological study of murine typhus and its relationship to its prevention and control. Shows pattern of the disease-rats, rat fleas, man-and the role of Public Health officers and the U S Public Health Service in controlling the disease.

EPIDEMIOLOGY OF PESTICIDE POISONINGS, THE
19 min, 16mm film, optical sd, col 1969
Producer USNMAC *Agency No.* M-1668
Title No. 305454 *Sale* $74.25
Describes pesticides and their use, the prevalence of pesticide poisonings, and the reasons and methods for staging an epidemiological investigation. Portrays two specific cases showing the methods used in the investigation.

EPIDEMIOLOGY OF SALMONELLOSIS IN MAN AND ANIMAL
15 min, 16mm film, optical sd, col 1964
Producer USNMAC *Agency No.* M-0558
Title No. 305460 *Sale* $51.75
Shows the complex transmission patterns of salmonellosis from contaminated feeds to food animals to humans. Describes significance of human 'carriers' among food handlers. Suggests means of control.

EPIDEMIOLOGY OF STAPHYLOCOCCAL INFECTIONS
13 min, 16mm film, optical sd, col 1958
Producer USNMAC *Agency No.* M-0355
Title No. 305470 *Sale* $45.25
Traces the epidemiological pattern of staphylococcal infection within the hospital. Shows that hospital personnel frequently are carriers of antibioticresistant epidemic strains of staphylococcus, and that these personnel carriers may infect patients through direct contamination, or through contamination of the environment.

* **EPIZOONOSES**
12 min, 16mm film, optical sd, col 1966
Producer IDCE
Title No. 004554 *Sale* W/DRAWN
Shows several types of parasitic insects called epizoonoses that feed on the surface of the human body and cause pathological changes in the skin. Explains their living habits and the physical symptoms which they cause from the case presentations on film series.

EQUILIBRATION OF OCCLUSION
19 min, 16mm film, optical sd, col 1952
Producer USN *Agency No.* MN07340
Title No. 306080 *Sale* $65.00
Shows various pathological conditions of teeth, gums, and the associated nervous system caused by traumatic occlusion. Gives illustrative examples of such occlusion. Explains that in malocclusion, improvement of stress distribution is obtained through equilibration by selective grinding, and demonstrates this procedure by the use of study casts, animation, and live-action photography of natural and artificial dentures.

* **EQUINE INFECTIOUS ANEMIA**
16 min, 16mm film, optical sd, col 1969
Producer USDA *Agency No.* 7396
Title No. 003939 *Sale* $80.00
Is a disease that affects horses, mules, and burros. EIA, also known as swamp fever, is found in all areas of the United States. Highly infectious, EIA is spread by mosquitoes, biting flies, and by use of contaminated equipment such as tack and hypodermic needles. Outlines precautionary measures and appeals to all horse owners and trainers to use utmost care with their animals.

* **ERADICATING THE KHAPRA BEETLE**
13 min, 16mm film, optical sd, col 1957
Producer USDA *Agency No.* 1360
Title No. 003940 *Sale* $58.00
The khapra beetle is the world's worst pest of stored grain, and its damage in elevators and warehouses in affected areas of California, Arizona, and new Mexico is forcefully portrayed in this film. The striking scenes of control measures make this an unusual and vivid picture - huge elevators and warehouses are with methyl bromide gas to kill these insects. covered with giant plastic tarpaulins and fumigated

* **ERECTING LARGE POLES**
21 min, 16mm film, optical sd, b&w 1960
Producer USA *Agency No.* TF-11-2867
Title No. 003101 *Sale* $44.50
Procedures and equipment used in A-frame method, gin pole method, and engineer crane method of erecting poles--advantages of each method--stress on safety rules.

ERIC -- A SERIES
25 fr, 35mm filmstrip, record, col 1970
Producer USFDA
Title No. 001671 *Sale* $5.00
Shows the organization and use of the Educational Resources Information Center, a national information network for acquiring, abstracting, indexing, storing, and disseminating significant and timely educational research and program descriptions.

INTRODUCTION TO ERIC
HOW TO USE ERIC
ERIC ADVANCED TRAINING PROGRAM

ERIC ADVANCED TRAINING PROGRAM
3 fr, 35mm filmstrip, record, col 1970
Producer USFDA
Title No. 001672
Sold only as part of the Eric series.
From the *ERIC* series.

* **ERP IN ACTION, VOL 1, NO. 04**
11 min, 16mm film, optical sd, b&w 1952
Producer USA *Agency No.* AFSR118
Title No. 306705 *Rental* $5.00
Shows how the European Recovery Project combats Communistic influences in the countries receiving Marshall Plan funds. Discusses some of the projects undertaken.

* **ERP IN ACTION, VOL 1, NO. 12**
11 min, 16mm film, optical sd, b&w 1952
Producer USA *Agency No.* AFSR118
Title No. 306713 *Rental* $5.00

ERTHYROCYTE TRANSKETOLASE ACTIVITY
19 min, 16mm film, optical sd, col 1964
Producer USVA
Title No. 000534 *Sale* $65.00
Demonstrates the usefulness of the assay erthrocyte transketolase activity and the 'TPP Effect' for the diagnosis of thiamin deficiency in man.

* **ERTS - EARTH RESOURCES TECHNOLOGY SATELLITE**
29 min, 16mm film, optical sd, col 1973
Producer USNASA *Agency No.* HQ 223
Title No. 002084 *Sale* $111.50
Shows 10 U. S. investigators who explain how they are using ERTS images to identify crops forests and grass lands, to

study urban devlopment, determine the boundary of wetlands, identify geological features that may lead to mineral and fuel deposits and to monitor disasters such as floods, volcanic eruptions, etc.

***ERUPTION OF KILAUEA 1959-60**
29 min, 16mm film, optical sd, col 1961
Producer USGS
Title No. 003116 *Sale* $109.50
Features the spectacular eruption of Kilauea Volcano of 1959-60, highlighting the sight and sound of lava fountaining from the subsidiary crater, Kilauea Iki.

***ERUPTION OF KILAUEA 1959-60 (SPANISH)**
29 min, 16mm film, optical sd, col 1961
Producer USGS
Title No. 003117 *Sale* $150.00
Features the spectacular eruption of Kilauea Volcano of 1959-60, highlighting the sight and sound of lava fountaining from the subsidiary crater, Kilauea Iki.

ERYTHROCYTIC STAGES OF PLASMODIUM VIVAX
4 min, 16mm film, optical sd, b&w 1954
Producer USNMAC *Agency No.* M-0138A
Title No. 306810 *Sale* $7.75
By means of the phase contrast microscope, shows the appearance and behavior of living malaria parasite within infected red blood cells, specifically, ring stages, young and mature trophozoites, and schizonts of plasmodium vivax.

ESCAPE AND SURVIVAL SYSTEM
22 min, 16mm film, optical sd, col 1960
Producer USAF *Agency No.* TF01-5357
Title No. 306825 *Sale* $74.75
Familiarizes pilots and escape system maintenance personnel with the operational principles of the F-105 upward ejection system. Demonstrates how correct operation of the system guarantees survival in a supersonic ejection.

ESOPHAGEAL PROBLEMS
40 min, 16mm film, optical sd, b&w 1965
Producer USNMAC *Agency No.* T-1835-X
Title No. 307580 *Sale* $77.50
Views dysphagia as the most common sympton of esophageal disease. Presents a discussion on the diagnosis and treatment of a variety of esophageal lesions. Discussed by George W B Starkey, MD and Richard Schatzki, MD, Harvard Medical School and Franz J Angelfinger, MD, Boston University School of Medicine. (Kinescope)

***ESSENTIALS OF FIRST AID**
31 min, 16mm film, optical sd, b&w 1942
Producer USN
Title No. 307990 *Rental* $10.00
Describes some of the medical facilities afloat, methods of transporting and protecting injured men, rescuing and reviving men overcome by smoke, contents of Navy first aid kits, and steps in the examination and treatment of the wounded.

ESTABLISHING CONSTRUCTION LINES, PT 1
17 min, 16mm film, optical sd, b&w 1942
Producer USN *Agency No.* MN02345A
Title No. 308025 *Sale* $30.50
Shows by animation how to establish five basic lines-base, center, buttock, frame, and water, used in ship construction.

ESTABLISHING CONSTRUCTION LINES, PT 2
16 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN02345B
Title No. 308030 *Sale* $28.50
Covers establishment of center, buttock, and water fines for use as reference points. Also shows setting of bulkhead and use of reference lines to locate a foundation.

ESTABLISHING WORKING RELATIONS FOR THE DISABLED WORKER
14 min, 16mm film, optical sd, b&w 1946
Producer USOE *Agency No.* OE 401
Title No. 308150 *Rental* $7.50 Sale $25.50
Dramatizes case study of workers being overly solicitous of a new one-handed lathe operator, of his resentment at being considered a 'freak,' and of the supervisor's successful handling of the situation.
From the *PROBLEMS IN SUPERVISION* series.

***ETERNAL FOREST, THE**
21 min, 16mm film, optical sd, col 1970
Producer USDA *Agency No.* 6641
Title No. 003787 *Sale* $102.00
Deals with the popular subject of man and his environment--specific forests and woodlands. Describes efforts to restore natures's balance with growing awareness of the extent of depletion since the turn of the century. Highlights today's sensible balance between use of our forest's resources and their protection for future generations.

***EUROPE - TWO DECADES**
45 min, 16mm film, optical sd, b&w
Producer NATO
Title No. 002086 *Rental* $15.00 Sale $116.75
Presents a screen history of the first twenty years of the post-war world. The decade 1945-1955 is described, including the beginnings of East/West confrontation, the rape of Czechoslovakia, Berlin Airlift and the origins of western unity centered around the six. Birth of NATO is also described. Second Decade, 1955-1965, highlights the confrontation between Nikita Kruschev and President Kennedy culminating in the Cuban crisis and ends with the retirement of Kruschev and his legacy-the Berlin Wall.

EVALUATION OF PLANT FACILITIES AND CAPABILITIES
18 min, 16mm film, optical sd, col 1969
Producer USFSS
Title No. 309085 *Sale* $74.25
Examines pre-award plant surveys conducted by quality control representatives. Intended to be used for orientation and/or refresher for quality control representatives and contracting officers.

EVALUATION OF PROTEINURIA AND HEMATURIA
40 min, 16mm film, optical sd, b&w 1964
Producer USNMAC *Agency No.* T-1818X
Title No. 309087 *Sale* $81.00
Evaluates photos of abnormal urine sediment and kidney biopsies from a patient with proteinuria. Discusses a second patient with gross or microscopic hematuria. William B Schwartz, MD, Tufts University School of Medicine and Arnold S Relman, MD, Boston University School of Medicine participate in the discussions. (Kinescope)

EVERY MINUTE COUNTS
10 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 161
Title No. 309300 *Rental* $5.00 Sale $17.50
Shows the problems of a new supervisor in handling lateness, loafing, and absenteeism. Tells how he learns to deal with individual cases.
From the *PROBLEMS IN SUPERVISION* series.

EVIDENCE IN COURTS-MARTIAL - GENERAL RULES OF EVIDENCE
17 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN09238A
Title No. 001673 *Rental* $7.50 Sale $30.50
Shows typical situations in courts-martial and how the rules of evidence are applied. Among the topics discussed are corpus delicti, identity, intent, oral testimony, documentary evidence, real evidence, direct and circumstantial evidence, and relevant and competent evidence.

EVIL WIND OUT
11 min, 16mm film, optical sd, b&w 1963
Producer USIA *Agency No.* 11-02793
Title No. 310010 *Rental:* W/DRAWN Sale: W/DRAWN
Shows how a Colombian Public Health Service doctor overcomes superstition in a backward village. One of a trio of films by James Blue on the 'Alliance for Progress' theme. See also 'Letter from Colombia' and 'School at Rincon Santo.'

EXAMINATION OF THE MOUTH
8 min, 16mm film, optical sd, col
Producer USHSMH
Title No. 310590 *Sale* $35.25
Demonstrates proper technique for examination.
OTHER FORMAT(S) or VERSION(S)
18 min, 16mm film, optical sd, col
Producer USHSMH
Title No. 310591 *Sale* $74.25

***EXAMINING THE MOON**
7 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No.* AD 27
Title No. 310620 *Sale* $31.50
Describes the operation of the Apollo lunar survey and experiments package on the Moon.

EXCYSTATION AND MOTILITY OF ENDAMOEBA HISTOLYTICA
3 min, 16mm film, silent, b&w 1948
Producer USNMAC *Agency No.* 4-070
Title No. 310980 *Sale* $6.25
Shows by bright-field and dark-field illumination the process of excystation of the trophozite of endamoeba histolytica. Recommended for professional use.

EXECUTIVE CHECK
25 min, 16mm film, optical sd, col 1963
Producer USAF *Agency No.* SFP 1157
Title No. 310970 *Sale* $84.75
Pictures views of President John F. Kennedy's visit to Eglin Air Force Base where he sees the latest in air warfare operations and weapons. Demonstrates SAC and TAC minimum interval take-off techniques, air commando exercise, air-to-air and air-to-ground rocketry and gunnery, and close air support. Shows the President as he views a static display of every type of operational Air Force aircraft, including the X-15.
CLEARED FOR TV.

***EXERCISE BRIGHT STAR - PINE CONE 3**
13 min, 16mm film, optical sd, b&w 1961
Producer USAF *Agency No.* SFP 1090
Title No. 310990 *Rental* $7.50
Depicts the role of the U.S. Air Reserve in this joint Air Force-Army exercise. Shows how Air Reserve Units, Tactical Air Command and the Military Airlift Command work as a team with a high degree of combat readiness.

EXERCISE DESERT STRIKE
21 min, 16mm film, optical sd, col 1965
Producer USAF *Agency No.* SFP 1391
Title No. 311035 *Sale* $71.50
Shows how the conflict escalates from conventional to nuclear warfare.
CLEARED FOR TV.

EXERCISES TO MOBILIZE THE SHOULDER
8 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No.* M-0914
Title No. 311050 *Sale* $27.75
Shows exercises to preserve or restore range of motions of the shoulder. The motions which are possible are combinations of basic movements in certain planes. Movements shown are extension and flexion, abduction, external and internal rotation, combination of movements, pendulum exercises, abduction and circumduction. Exercises are performed independently and when the patient cannot perform this activity alone he may be assisted by another person. The patient may also assist himself with a rope and pulley, a shoulder wheel, and a finger ladder.

***EXPANDING LANGUAGE**
2 min, s8mm cartridge, optical sd, col
Producer USBEH *Agency No.* F
Title No. 003394 *Sale* $25.25
Sold only in a cartridge with linguistic analysis and simplification of transformations. Presents short insights into home and school education of the profound hearing impaired.

***EXPECT THE UNEXPECTED**
11 min, 16mm film, optical sd, col 1971
Producer USPOST
Title No. 002087 *Sale* $43.00
Depicts situations which contribute to vehicle accidents and demonstrates driving techniques on snow, ice, and wet surfaces.

EXPERIMENTAL BOILING WATER REACTOR, THE
34 min, 16mm film, optical sd, col 1957
Producer USAEC
Title No. 001674 *Sale* $125.75
Presents an actual account of the operation of the reactor, beginning with the installation of the reactor components, with pressure vessel and other units in the steam cycle already in place, continuing through the assembly of the reactor components to the loading of the core, arriving at first critical, capping the reactor, first 10 MW. operation, then the generation of 5,000 KW. of electricity.

EXPERIMENTAL BREEDER REACTOR I, MARK 3
14 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No. 001675 *Sale* $85.00
Presents some major aspects of the fabrication, installation, and operation of a new core (Mark 3) for the experimental breeder reactor I at the National Reactor Testing Station, Idaho.

EXPERIMENTAL DIVING UNIT - EVALUATION OF PHYSICAL FITNESS BY THE STEP-UP TEST
12 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN02153A
Title No. 000594 *Sale* $26.75
Describes equipment needed for the test and procedure for making the test.

***EXPERIMENTAL LOADING STUDY OF THREE HIGHWAY BRIDGES IN TENNESSEE WITH THE U.S. ARMY ...**
18 min, 16mm film, optical sd, col 1969
Producer USBPR
Title No. 311825 *Rental* $10.00
FULL TITLE - EXPERIMENTAL LOADING STUDY OF THREE HIGHWAY BRIDGES IN TENNESSEE WITH THE U.S. ARMY MAIN BATTLE TANK TRANSPORTER.

EXPERIMENTS IN CONTROLLING BRUSH FIRES WITH DETERGENT FOAM
7 min, 16mm film, optical sd, col 1965
Producer USAEC
Title No. 000595 *Sale* $27.25
Describes a series of tests by Argonne National Laboratory to explore the use of detergent foam as a fire break.

EXPLORATION AT BOULDER
20 min, 16mm film, optical sd, col 1970
Producer USNBS
Title No. 312690 *Sale* $82.00
Describes the work of the National Bureau of Standards at its Boulder, Colorado Laboratories, an important center for new knowledge in the field of science and technology. Depicts the pioneering efforts of Bureau scientists in quantitative measurement of cryogenics, electronics, electromagnetics, time and frequency, and atomic physics.

***EXPOSED**
16 min, 16mm film, optical sd, col 1962
Producer USDA *Agency No.* 2182
Title No. 313800 *Sale* $68.00
A technical film which demonstrates how, through cooperation of veterinarians and livestock owners and a battery of tests, a hidden brucellosis shedder is located among a herd.

EXTRA DIVIDENDS
14 min, 16mm film, optical sd, col 1963
Producer USAF
Title No. 000596 *Sale* $109.50
Opens with a short, dramatic reference to the importance of flood-control planning, and demonstrates added benefits of

reservoir development for public use. Shows the great out-of-doors' attractions surrounding Corps of Engineers' projects in southern Missouri and Arkansas.

• EXTRA FOREST DOLLARS
14 min, 16mm film, optical sd, col 1952
Producer USDA *Agency No.* 1039
Title No. 314057 *Sale* $64.00
Shows well-known and little-known products of the national forests-logs and lumber, furniture stuffing, candy, and cascara-and emphasizes the contribution of these forests to the country's economy.
CLEARED FOR TV.

EXTRA-ORAL PARALLEL PIN PROCEDURE
10 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No.* D-20-FP
Title No. 314121 *Sale* $35.00
Demonstrates the extra-oral technic where paralleling and depth of pin penetration are determined on a model with the use of a parallelometer. The resulting index is transferrable to the mouth for the drilling operation.

EXTRACTION OF MANDIBULAR TEETH - SURGICAL PREPARATION
11 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No.* D-57
Title No. 314100 *Sale* $38.25
Demonstrates accepted surgical procedures used in the removal of the mandibular teeth and preparation of the alevolar ridge. Emphasis is placed on maintenance of the denture bearing bone.

EXTRACTION OF MAXILLARY TEETH - SURGICAL PREPARATION
14 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No.* D-56
Title No. 314110 *Sale* $48.00
When attached gingivia has been reduced by periodontal disease, every effort should be made to preserve it during extraction of the teeth. This film demonstrates accepted procedures for removal of maxillary teeth and shows the surgical preparation of the alveolar ridge.

EYE TREATMENTS
14 min, 16mm film, optical sd, b&w 1958
Producer USN *Agency No.* MN08576H
Title No. 000597 *Sale* $25.50
Presents the responsibilities of hospital corpmen in providing certain simple eye treatments, as ordered by medical officers in wards of Naval hospitals. Demonstrates in detail the following treatments-examination of the ointment, irrigation of the eye and application of moist heat and cold to the eye by compresses.

EYES AND EARS OF THE MEDICAL WORLD, THE
90 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No.* T-1969-X
Title No. 314525 *Sale* $187.25
Describes Menieres disease and positional vertigo of the benign paroxysmal as common types of vertigo of the inner ear. Explains that both are episodic and relatively easy to diagnose. Encourages diagnosis to avoid unnecessary and useless treatment. Discusses manifestations, diagnostic criteria, and therapy. Participants in the discussion include Doctors William H Baker, David G Cogan, Harold F Schuknecht, Shirley H Wray, and Earle M Chapman of the Harvard Medical School. (Kinescope)

EYES OF THE NORTH
21 min, 16mm film, optical sd, col 1966
Producer USAF *Agency No.* SFP 1267
Title No. 314740 *Sale* $86.00
Portrays Arctic Mission of Air Defense Command and pictures its space detection and tracking facilities. Cites role of Canadian, Swedish and English personnel in North American Detection Operations. Demonstrates typical scramble to intercept unidentified aircraft.
CLEARED FOR TV.

FABRICATING METAL AIRCRAFT
14 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 288
Title No. 315010 *Sale* $29.50
Describes how sheet metal is used in aircraft fabrication, how to cut sheet metal, form and assemble sheet metal parts, and fit major assemblies together.
From the *AIRCRAFT WORK* series. Metal Fabrication

FABRICATION OF PLUTONIUM DISKS
13 min, 16mm film, optical sd, b&w 1958
Producer USAEC
Title No. 001676 *Sale* $37.00
Describes glove box work used at Los Alamos Scientific Laboratory in shaping toxic material for criticality studies in reactor development. Two methods of fabrication are shown-blanking the disks from sheet stock made by tube extrusion, and shaping disks by standard machining techniques. Explains that because oF the pyrophoric nature of plutonium, a great deal of the work is done in an inert atmosphere.

FABRICATION OF RESEARCH REACTOR FUEL ELEMENTS
20 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No. 001677 *Sale* $100.50
Describes the alloy and powder metallurgy methods of fabricating research reactor fuel elements.

FABRICATION OF SNAP-7D FUEL SOURCES
12 min, 16mm film, optical sd, col 1964
Producer USAEC
Title No. 001678 *Sale* $48.50
Describes the fabrication of strontium-90 fuel capsules for the snap-7d generator. Discusses the pelletizing and encapsulating operations in processing strontium-90 at the Fission Products Development Laboratory.

FABRICATION OF THE ACCELERATOR STRUCTURE
40 min, 16mm film, optical sd, col 1965
Producer USAEC
Title No. 006435 *Sale* $133.75
Describes the methods used in the fabrication of the accelerating structure and associated components for the AEC's two-mile linear electron accelerator at Stanford University.

FACE MILLING WITH A FIXTURE
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 226
Title No. 315090 *Rental* $7.50 Sale $28.50
Depicts how to determine speed and feed, establish reference surfaces, and make reference cut by end-milling a flange and by milling the face.
From the *MACHINE SHOP WORK* series. Operations on the Horzontal Boring Mill, No. 2

FACE OF A NATION
28 min, 16mm film, optical sd, col 1967
Producer USN *Agency No.* MN10228
Title No. 000598 *Sale* $94.50
Illustrates the role Navy men on attack carriers play in keeping the peace around the world.

FACE OF DISASTER, THE
10 min, 16mm film, optical sd, b&w 1965
Producer USOCD *Agency No.* DODCD20-239
Title No. 315075 *Sale* $17.50
Emphasizes the role of community welfare services in helping to meet emergencies. Highlights natural disasters--the great alaskan quake of 1964, the floods of 1965, the devastation wrought on Palm Sunday when 37 tornadoes boiled through the middle west. particularly useful to CD directors when making speeches or presentations.
CLEARED FOR TV.

FACE PLANING UNEVEN SURFACES
13 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 304
Title No. 315450 *Sale* $23.75
Shows how to surface wide stock on one side, to use a pusher, to make and use a feather board and to use a backing block for facing thin stock.

From the *PRECISION WOOD MACHINING* series. Operations On the Jointer, No. 3
CLEARED FOR TV.

FACE TURNING A COLLAR
16 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 317
Title No. 315500 *Rental* $7.50 Sale $28.50
Describes how to prepare a face plate chuck, how to attach work to face plate chuck, how to turn a fillet and how to taper turn a recess.
From the *PRECISION WOOD MACHINES* series. Operations On the Wood Lathe

FACES OF AMERICA
21 min, 16mm film, optical sd, col 1965
Producer USIA *Agency No.* 01-02634
Title No. 315590 *Rental:* W/DRAWN Sale: W/DRAWN
Depicts in a kaleidoscopic manner, colorful images of America which are representative of all facets of society in the United States. (No narration)

FACING, TURNING, BORING, GROOVING AND CHAMFERING - ON A VERTICAL TURRENT LATHE
30 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No.* OE 018
Title No. 315750 *Rental* $10.00 Sale $53.50
Demonstrates facing, turning, boring, grooving and chamfering cuts on a vertical turret lathe with the simultaneous use of both heads, securing of work in a special fixture, precautions to be observed in machining magnesium alloys, and the use of a surface gauge.

*FACT FINDER
15 min, 16mm film, optical sd, col 1973
Producer USBC
Title No. 002089 *Sale* $56.50
Features the Census Bureau, the only agency of the government, which comes in contact with every person in the United States. It shows not only how the massive Census is taken every 10 years, but also the wide scope of work the Bureau does during the other 9 years - work which provides most of the statistics about how the people and the economy of a nation change on a weekly, monthly, quarterly, and annual basis.
OTHER FORMAT(S) or VERSION(S)
29 min, 16mm film, optical sd, col 1973
Producer USBC
Title No. 001423 *Sale* $115.50

*FACT FINDERS, THE
31 min, 16mm film, optical sd, col 1967
Producer USDA *Agency No.* 5345
Title No. 315770 *Sale* $133.00
Tells how farm statistics are gathered and used by voluntary reporting farmers. Shows national crop and livestock reports being prepared and released.

FACTORY WORKER TURNS FARMER
24 min, 16mm film, optical sd, b&w 1949
Producer USDS
Title No. 316220 *Rental* $10.00 Sale $50.75
Story of a young U S factory worker and his wife who, through hard work, wise planning, and neighbors' aid, become the owners of a small chicken farm.

FAIR CHANCE, A
27 min, 16mm film, optical sd, b&w 1954
Producer USIA
Title No. 316525 *Rental:* W/DRAWN Sale: W/DRAWN
Depicts community action in protecting the welfare of American children through a dramatized story of the illness, recovery, and rehabilitation of a young rheumatic fever victim.

FAIR WARNING
28 min, 16mm film, optical sd, col 1970
Producer USNMAC *Agency No.* T-2028-X
Title No. 316530 *Sale* $113.50
Provides information that will assist the health professional in dealing with patients' smoking problems. Discusses the individual's motivation to smoke and motivation to stop smoking. Includes discussion of ways in which the health professional can intervene in smoking behavior and assist his patient to stop.
NOT CLEARED FOR T.V.

*FALL GUYS, THE
20 min, 16mm film, optical sd, col 1960
Producer USBM
Title No. 003558 *Sale* $80.00
Different types of 'planned' falls, such as the parachutist, gymnast, and high diver, are contrasted with the 'unplanned' falls of men working in the underground copper mines.
PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15213. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

*FALLOUT AND AGRICULTURE
23 min, 16mm film, optical sd, col 1964
Producer USDA *Agency No.* 1484
Title No. 004151 *Sale* $100.00
Discusses radioactive fallout and its diffusion through the atmosphere; resulting in the exposure of men and animals to radiation and the contamination of agricultural commodities. Considers ways to protect against radiation and minimize contamination of crops.

FALLOUT PROTECTION FOR HOSPITALS
25 min, 16mm film, optical sd, col 1962
Producer USNMAC *Agency No.* M-0598
Title No. 317300 *Sale* $84.75
Based on a report of hospital design studies, illustrates graphically recommended methods for providing protection to personnel, patients, and vital functional components of a 150-bed hospital, from the effects of a gamma radiation from the fallout of a nuclear explosion.

*FAMILIAL CIRCUMSCRIBED ERYTHROKERATODERMA
11 min, 16mm film, optical sd, col 1965
Producer IDCE
Title No. 004555 *Sale:* W/DRAWN
Drs Edwin Sidi, Jaqueline Bourgeous Spinasse, and Jean Arquete describe the case of a unique skin condition erythrokeratodermia familiaris circumscripta. Afflicting a 13-year-old girl and her 15-year-old brother.

FAMILY DOCTOR, PSYCHIATRIST, AND DEPRESSED PATIENT
40 min, 16mm film, optical sd, b&w 1965
Producer USNMAC *Agency No.* T-1534-X
Title No. 317790 *Sale* $78.50
Follows a patient through a visit with her family doctor and subsequent consultation with a psychiatrist. Discusses depression, presenting therapeutic guidelines, important symptoms, and clues in masked depressions. Stresses the role of the family doctor in handling some types of depression. By Philip Solomon, MD, Harvard Medical School, and William Taggert, MD, Chairman, Educational Academy of General Practice. (Kinescope)

*FAMILY FOREST, THE
12 min, 16mm film, optical sd, col 1963
Producer USDA *Agency No.* 3170
Title No. 003941 *Sale* $58.00
A documentary of the ceremonies honoring the first privately owned woodland in the nation to be officially designated a 'Family Forest.' The goodmanagement procedures used in this Maryland farm woodland have resulted in profit for the owners and helped the economy of the state and nation by conserving natural resources.

FAMILY OF MAN, THE
20 min, 16mm film, optical sd, b&w 1955
Producer USIA *Agency No.* 01-04136
Title No. 318430 *Rental:* W/DRAWN Sale: W/DRAWN
Shows Edward Steichen and his photographic exhibit 'The Family of Man.' Steichen explains that the purpose of the

exhibit is to show the universal oneness and goodness of mankind.

FAMILY, THE
20 min, 16mm film, optical sd, b&w 1952
Producer USIA
Title No. 318725 *Rental:* W/DRAWN Sale: W/DRAWN
Presents a true-to-life family situation that calls for understanding and a willingness to work and share.

FAMOUS THIRD ARMY, THE
22 min, 16mm film, optical sd, b&w 1950
Producer USA *Agency No.* CMF045-7705
Title No. 318790 *Sale* $38.50
Provides a historical review of the advance of the U S Third Army across France and into Germany during World War II.

FARM FRESH TO YOU
14 min, 16mm film, optical sd, col 1966
Producer USAEC
Title No. 001679 *Sale* $57.00
Describes the preservation of fresh fruits and vegetables by radiation pasteurization, presenting evidence that spoilage can be reduced through the use of nuclear energy. Explains the process of exposing foods to the energy of the atom, using animation to show what happens during exposure.

FARMER AND I, THE
22 min, 16mm film, optical sd, col 1963
Producer USIA *Agency No.* 01-02592
Title No. 319375 *Rental:* W/DRAWN Sale: W/DRAWN
Illustrates the long hours and hard work of the average U S farmer by showing the dawn-to-nightfall life of an Ohio farm family. Points out the dependence of farmers upon whims of nature, the market, and consumer desires. Designed to show similarities between European and U S farming experiences.

***FARMER COOPERATION IN EUROPE**
28 min, 16mm film, optical sd, b&w 1954
Producer USDA *Agency No.* 1219-2
Title No. 003942 *Sale* $68.00
Describes and explains the position of the independent farmer in Europe's developing economics. Shows and describes the European farmer cooperatives, their development, growth, desirability and stabilizing effects on the agricultural economics of many countries and their methods of operating.

***FARMER FOR THE WORLD**
29 min, 16mm film, optical sd, col 1968
Producer USDA *Agency No.* 5653
Title No. 003943 *Sale* $141.00
Informs today's export growth in American agriculture. Shows how the people in Germany, Japan, Spain and India use our farm products for better living around the world.

FAST REACTOR DEVELOPMENT
17 min, 16mm film, optical sd, col 1964
Producer USAEC
Title No. 001680 *Sale* $58.50
Reports on sodium-cooled fast breeder reactors. Discusses the design features of the experimental breeder reactor II and the Enrico Fermi Atomic Power Plant. Describes the potential of fast breeder reactors in the nuclear power economy. Includes a brief history of the experimental breeder reactor I.

FAST REACTOR PROGRAM
36 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No. 001681 *Sale* $150.00
Presents an abstract of the major features of the fast reactor program in the areas of reactor performance, safety and reliability, system components, and fuel-cycle development.

FAT ABSORPTION - INTRACELLULAR EVENTS, DISORDERS
20 2x2 slides, 1/4 in. audiotape, col 1969
Producer USNMAC *Agency No.* S-1729-X
Title No. 001683 *Sale* $7.00
Discusses the main intracellular steps in fat absorption, penetration of lipolysis products, synthesis of glycerides and phospholipids, and release of chylomicrons.
From the *FAT ABSORPTION IN HEALTH AND DISEASE* series.

FAT ABSORPTION IN HEALTH AND DISEASE -- A SERIES
212 2x2 slides, 1/4 in. audiotape, col
Producer USNMAC
Title No. 001682 *Sale* $55.00

FAT DIGESTION - LIPOLYSIS AND MICELLE FORMA TION, DISORDERS
27 2x2 slides, 1/4 in. audiotape, col 1969
Producer USNMAC *Agency No.* S-1728-X
Title No. 001684 *Sale* $9.00
Outlines theoretical principles of chemical events in lipolysis, physical properties of cholesterol to bile acids, amphipathic nature of the bile acid molecule, micelle formation, micellar solubilization.
From the *FAT ABSORPTION IN HEALTH AND DISEASE* series.

FEAST, THE
29 min, 16mm film, optical sd, col 1970
Producer USAEC
Title No. 320860 *Rental* $12.50 Sale $75.00
Shows how an alliance is formed between hostile Yanomamo Indian villages through feasting, trading, dancing, and chanting. Recounts in detail the feast and its preparation by using only sights and sounds of the events and occasional superimposed translations of the authentic recorded dialogue. Made by Timothy Asch and Napoleon Chagnon with the support of the Atomic Energy Commission.

FEED BACK
35 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-508
Title No. 321325 *Sale* $72.50
Discusses the effects of regenerative and degenerative feedback on amplifier circuits. Lists three common methods of obtaining degenerative feedback, and shows input and output signals. Defines neutralization and discusses methods used to neutralize. (Kinescope)

FEEDING THE PATIENT
15 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 404
Title No. 321390 *Rental* $7.50 Sale $27.00
Presents factors which affect appetite and digestion, shows preparation of the environment and the patient for the meal, shows proper balance of food and arrangement of the tray, shows individualized feeding care, and describes after-care of the patient.
From the *NURSING* series.

***FEMORAL TRIANGLE**
109 2x2 slides, 1/4 in. audiotape, col 1972
Producer USNMAC *Agency No.* S-2516
Title No. 002090 *Sale* $17.00
Provides the first-year medical student with small increments of information on anatomical-spatial relationships in a programmed manner. Questions after each portion test the student on key points, and confirmation slides are designed to reinforce these point. Includes instructor's script and student's script.

***FEMORAL TRIANGLE (REVIEW VERSION)**
109 2x2 slides, 1/4 in. audiotape, col 1972
Producer USNMAC *Agency No.* S-2517
Title No. 006404 *Sale* $11.00
Presents a short review of the detailed information presented in the Femoral Triangle. Includes student's script.

FIBERSCOPE ENDOSCOPY OF THE UPPER DIGESTIVE TRACT
14 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1164
Title No. 322478 *Sale* $48.50
Shows how the fiberscope is used in an endoscopic examination of the stomach and duodenal cap and explains and demonstrates the principles of fiber optics.

FIBRINOLYTIC MECHANISM AND TEST OF FIBRINOLYTIC FUNCTION, THE
27 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No.* T-1696
Title No. 322475 *Sale:* W/DRAWN
Presents pharmacology and physiology of hemostasis as well as laboratory tests for fibrinolytic function. Points up normal fibrinolytic mechanism, then discusses health effect resulting when normal function is disturbed. (Kinescope)

FIELD BURNOUT TESTS OF APARTMENT DWELLING UNITS
21 min, 16mm film, optical sd, col 1970
Producer USNBS
Title No. 322570 *Sale* $71.50
Reports on three burnout tests in an experimental housing unit built for evaluating construction methods, sound transmission, and fire safety. Suitable for building code officials, fire inspectors, architects, and high school and college students.

FIELD RECOGNITION OF DOMESTIC RAT SIGNS
8 min, 16mm film, optical sd, col 1968
Producer USNMAC *Agency No.* M-1574
Title No. 322580 *Sale* $26.00
Explains where to look for and recognize rat signs and how inspectors in the field can identify the various species of rodents by the size and shape of their droppings.

FIELD RECOGNITION OF MOSQUITO LARVAE
6 min, 16mm film, silent, col
Producer USNMAC *Agency No.* M-1272
Title No. 322590 *Sale* $21.25
A short, silent color motion picture with 15 short sequences of Aedes Aegypti and Culex larvae in motion.

FIFTH FUEL, THE
22 min, 16mm film, optical sd, col 1967
Producer USAEC
Title No. 000599 *Sale* $80.25
Describes the fuel uranium and how it has become a useful source of energy. Explains the steps involved in preparing enriched uranium, from the mining operation through the exacting chemical and metallurgical processes, to the extrusion of precisely structured fuel elements. Points out how such fuel cores are used to transmute uranium-238 into plutonium at production reactor sites.

FIFTH GRADE GEOGRAPHY
10 min, 16mm film, optical sd, b&w 1966
Producer USOE *Agency No.* OE 507
Title No. 322990 *Rental* $5.00 Sale $17.50
One of a series designed to stimulate teacher discussion of the various uses of programmed instruction in teaching fifth grade geography.
From the *PROGRAMMED INSTRUCTION - THE TEACHER'S ROLE Series.*

FIFTY-FIFTY CHANCE, A
28 min, 16mm film, optical sd, col 1967
Producer USNMAC *Agency No.* M-1415
Title No. 325275 *Sale* $94.50
A dramatic presentation showing a wife who has contracted tetanus and the resultant emotions and problems of her family. Motivates people to have themselves immunized.

FIGHT FOR THE SKY, THE
21 min, 16mm film, optical sd, b&w 1965
Producer USAF *Agency No.* SFP 1563
Title No. 331555 *Sale* $37.00
Documents heroism of American fighter pilots who flew escort missions over Germany during World War II. Footage of fierce air battle includes some captured German film.
CLEARED FOR TV.

***FIGHTING COAL MINE FIRES**
31 min, 16mm film, optical sd, col 1963
Producer USBM
Title No. 003557 *Sale* $126.75
The nature of fire, its uses and control are explained - the 'fire triangle' is used to illustrate the basic elements or conditions necessary for combustion and the proper use of recommended fire extinguishers are demonstrated-both for surface and underground mine fires.
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FIGHTING FIRST, THE
15 min, 16mm film, optical sd, b&w 1947
Producer USA *Agency No.* CMF045-1279
Title No. 001685 *Sale* $27.00
Shows scenes of combat operations of the 1st Infantry Division in eight campaigns and three invasions--attacks and counter-attacks on foot and in trucks and assault boats.

FIGHTING LADY SPEAKS, A
9 min, 16mm film, optical sd, b&w 1950
Producer USN *Agency No.* MN07283
Title No. 323490 *Sale* $15.75
Dramatizes a typical day's activities of an aircraft carrier off the shores of Korea in 1950. Contains Combat scenes Navy planes, fighters and bombers, on missions over Korea.

***FILARIASIS**
21 min, 35mm filmstrip, 1/4 in. audiotape, col 1947
Producer USNMAC *Agency No.* 5-036
Title No. 002091 *Sale* $10.00
Reviews the life cycle of wuchereia bancrofti in human and mosquito hosts. Urges further etiologic study of bancroft's filariasis and discusses the diagnosis, treatment, and prevention of the disease.

FILARIASIS IN BRITISH GUIANA
16 min, 16mm film, optical sd, b&w 1963
Producer USNMAC *Agency No.* M-0673
Title No. 323795 *Sale* $28.50
Explains the filariasis problem in British Guiana and urges people to co-operate with the control program.

FILES AND FILING, PT IV
5 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN07831D
Title No. 323870 *Sale* $9.25
Shows a variety of metal-working files according to shape and tooth-pattern, and explains the care and use of files.

FILING
15 min, 16mm film, optical sd, b&w 1942
Producer USN *Agency No.* MN00159
Title No. 323940 *Sale* $27.00
Describes the importance of files and filing in a machinist's work--shows filing techniques, and various types of files and file cuts.

FILING AN INTERNAL IRREGULAR SHAPE
27 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 240
Title No. 323950 *Rental* $10.00 Sale $47.00
Explains how to make file selection, set up a metal cutting band saw machine for filing, file a die, lay out a punch using a die as a template, file a punch, check the filing with a die and fine-finish file.
From the *MACHINE SHOP WORK* series. Operations on the Metal Cutting Band Saw, No. 2

FILING AND INSTALLING CHOCKS
15 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 097
Title No. 323960 *Sale* $32.50
Tells how chocks are used in machinery installation, measurements are made for preparing chocks, Prussian blue and chalk are used for adjusting chocks, and how foundations and chocks are drilled for bolting machine.
From the *SHIPBUILDING SKILLS* series. Marine Machinery Installation, No. 3

FILING TEMPLATE METAL
15 min, 16mm film, optical sd, b&w 1943
Producer USOE *Agency No.* OE 129
Title No. 323990 *Rental* $7.50 *Sale* $27.00
Indicates how to file a square edge and remove burrs, rotate the wrist for filing inside curves, file inside rectangle, and remove fillets from corners.
From the *AIRCRAFT WORK* series. Templates, No. 5

FILLING THE ROOT CANAL
13 min, 16mm film, optical sd, col
Producer USVA *Agency No.* D-16-E
Title No. 000600 *Sale:* W/DRAWN
Emphasizes the precision required for complete obliteration of the root canal lest it continue to be a source of periapical irritation. Describes the aseptic precautions to be taken in strict bacterial cultural control.

FILM PROCESSOR, EH-38 - MAINTENANCE
25 min, 16mm film, optical sd, col 1966
Producer USN *Agency No.* MN 10302B
Title No. 001686 *Sale* $84.75
Demonstrates maintenance procedures for the Kodak Versamat Processor eh-38. Shows proper maintenance methods, parts removal procedures and lubrication points.

FILM PROCESSOR, EH-38 - OPERATION AND MAINTENANCE
22 min, 16mm film, optical sd, col 1966
Producer USN *Agency No.* MN10302A
Title No. 001687 *Sale* $74.75
Describes proper methods to be used in operation, cleaning, and preventive maintenance for the processor.

FILM PROCESSOR, EH-38 - QUALITY CONTROL
18 min, 16mm film, optical sd, col 1966
Producer USN *Agency No.* MN 10302C
Title No. 001688 *Sale* $61.75
Designed to familiarize the operator with quality control, all necessary steps, and proper methods.

FILM SYMPOSIUM OF STRESS URINARY INCONTINENCE, A
61 min 16mm film, optical sd, col
Producer USNMAC *Agency No.* M-2015
Title No. 324500 *Sale* $201.75
Presents a one-hour film symposium composed of six motion pictures treating various surgical techniques for the correction of stress urinary incontinence in the female bladder neck.
From the *AUTOPSY DISSECTION TECHNIQUE -- A Cinematographic Atlas Series.*

***FILM TACTICS**
22 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No.* MN 3731
Title No. 000637 *Sale* $49.75
Emphasizes through dramatized episodes how training films should and should not be used by Navy instructors and demonstrates the results of good and poor teaching.
THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY.

FILTERS AND POWER SUPPLIES
20 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK-30-301A
Title No. 324518 *Sale* $42.50
Explains use of filters in power supplies. Identifies L type choke and capacitor input filters and traces the charge and discharge paths within the filter networks. States the effect of the L type filter on output voltage and regulation. (Kinescope)

FILTERS AND POWER SUPPLIES - 'PI' TYPE FILTERS
27 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-301B
Title No. 324522 *Sale* $56.50
Identifies 'pi' type filters. Shows the components, their relationship for LC and RC 'pi' type filters, and explains their purpose. Traces the charge and discharge paths of both RC and LC 'pi' filters and gives the advantages and disadvantages of each. (Kinescope)

FILTERS AND POWER SUPPLIES - FILTER ACTION, PT 1
27 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TV 30-300A
Title No. 324519 *Sale* $56.50
Defines a filter and demonstrates rectifier action on an oscilloscope. Illustrates the waveshape of a rectifier containing both AC and DC. Demonstrates how a filter removes voltage variation and smooths it out by use of capacitors and inductors. Shows and explains the schematic of a capacitance filter and its operation and traces the current flow through the circuit. Discusses charge and discharge time of filter capacitors. Gives the schematic of an inductor used as a filter, and explains its action. (Kinescope)

FILTERS AND POWER SUPPLIES - FILTER ACTION, PT 2
18 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-300B
Title No. 324520 *Sale* $38.50
Shows the relationship of long and short time constants on filter operation. Defines RC time constants and explains the effect of varying the resistance or capacitance on the time constant. Discusses the effect of the time constant on the output voltage and ripple frequency. (Kinescope)

FILTERS AND POWER SUPPLIES - POWER SUPPLY TROUBLESHOOTING
26 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-304
Title No. 324521 *Sale* $54.75
Shows how to diagnose the troubles in a half-wave rectifier when the symptoms are given by using a schematic. Explains the effect on the output voltage, peak inverse voltage, ripple amplitude, and frequency when any component in the circuit is open or shorted. (Kinescope)

FILTERS AND POWER SUPPLIES - VOLTAGE DOUBLERS
36 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-307
Title No. 324523 *Sale* $74.50
Explains why a voltage doubler is called a doubler, and why it doubles the input voltage. Shows a schematic diagram and discusses the operation of the doubler circuit. Traces the charge and discharge paths, and shows how to calculate the peak output voltage and the ripple frequency. Gives a number of symptoms and explains the possible causes. (Kinescope)

FINAL GAME, THE
49 min, 16mm film, optical sd, col 1967
Producer USIA *Agency No.* 01-02675
Title No. 324575 *Rental:* W/DRAWN Sale: W/DRAWN
Shows the exciting championship game played by the Boston Celtics, internationally-known champions of professional basketball, against their challengers, the Cincinnati Royals. Uses slow motion, reverse motion and diagrams to demonstrate fundamental patterns of this sport which, though of U S origin, is gaining popularity throughout the world.

FINAL MANDIBULAR IMPRESSIONS FOR COMPLETE DENTURES
12 min, 16mm film, optical sd, col 1969
Producer USVA *Agency No.* D-76-CP
Title No. 324580 *Sale* $41.50
The mandibular impression procedure covers the maximum bearing area while developing buccal and lingual flanges that provide border sealing without restricting the physiological activity of the adjacent structures. The resultant base constructed from impressions developed in this manner will exhibit excellent retention from both vertical and horizontal displacing forces.

FINAL MAXILLARY IMPRESSIONS FOR COMPLETE DENTURES
12 min, 16mm film, optical sd, col 1969
Producer USVA *Agency No.* D-74-CP
Title No. 324585 *Sale* $41.50
The procedures used to finalize the maxillary impression shown, includes the use and rationale of border moulding, development of functional reliefs and uniformity of contact

over the bearing areas. The use of fluid wax to obtain a physiological post-palatal seal is also demonstrated.

FINE GRINDING
15 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 183
Title No. 325125 *Rental* $7.50 Sale $27.00
Describes how to set up lenses in multiple spindle machine, adjust grinding machine for grinding concave or convex lenses, and wash and inspect lenses after grinding.
From the *OPTICAL CRAFTMANSHIP* series. Spherical Surfaces

FINE GRINDING AND POLISHING
32 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN02449K
Title No. 325130 *Sale* $55.25
Illustrates techniques of fine grinding and polishing flat surfaces, including setting the molds, blocking and deblocking, and scoring lathes to achieve different results in the finished product.

FINISHING MOLDED PARTS
14 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 474
Title No. 325600 *Rental* $7.50 Sale $25.50
Demonstrates how to trim the gate, drum-sand the cable hole and gate, retap metal inserts, remove flash from contours and sand, buff and polish the finished part.
From the *PLASTICS* series. No. 9

***FINNISH - BASIC COURSE**
37 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004051 *Sale* $120.25
For information concerning purchase of accompanying text, write to National Audiovisual Center, Information Branch for NACI Listing G034.
OTHER FORMAT(S) or VERSION(S)
69 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004052 *Sale* $192.00
For information concerning purchase of accompanying text, write to National Audiovisual Center, Information Branch for NACI Listing G034.

***FINNISH - GRADED READER**
14 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004053 *Sale* $45.50
Cassettes and accompanying text are both available for $50.00.
OTHER FORMAT(S) or VERSION(S)
28 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004054 *Sale* $78.00
Tape set and accompanying text are both available for $82.50.

***FINNISH - PRONUNCIATION AND READINGS**
2 min, audiotape cassette, 2-track, monaural
Producer USFSI
Title No. 004055 *Sale* $6.50
For information concerning purchase of accompanying text, write to National Audiovisual Center, Information Branch for NACI Listing G034.
OTHER FORMAT(S) or VERSION(S)
4 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004056 *Sale* $11.25
For information concerning purchase of accompanying text, write to National Audiovisual Center, Information Branch for NACI Listing G034.

FIRE - ARTILLERY ACTION IN KOREA
14 min, 16mm film, optical sd, b&w 1952
Producer USA *Agency No.* MF06-7900
Title No. 326989 *Sale* $25.50
Tells the story of the support given infantry troops in Korea by an artilleryman and his 105-millmeter howitzer which he affectionately calls 'joe.'

***FIRE CONTROL SIMULATOR**
12 min, 16mm film, optical sd, col 1964
Producer USDA *Agency No.* 4559
Title No. 003944 *Sale* $55.00
Explains the use of the simulator and the various advantages of its many uses. It is not intended to train instructors in how to use the simulator. The fire training simulator places trainees in a reallife situation in learning to fight forest fires.

***FIRE FIGHTING IN THE MINERAL INDUSTRY**
16 min, 16mm film, optical sd, col 1970
Producer USBM
Title No. 003556 *Sale* $66.00
Concerns techniques of fire fighting in mineral, noncoal mining, and realted industries. Classifications of fires are shown, with instructions on proper use of various types of extinguishers. Other means of controlling fires-using foam, asphalt, and other chemical sealants to 'seal it off'-are also presented.
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FIRE FIGHTING IN THE NUCLEAR AGE
14 min, 16mm film, optical sd, col 1960
Producer USAEC
Title No. 326525 *Sale* $92.25
Emphasizes that radiation is just another hazard in fire fighting which can be handled with proper training--portrays techniques and procedures to be followed.

***FIRE IN THE FOREST**
23 min, 16mm film, optical sd, col 1951
Producer USDA *Agency No.* 1093
Title No. 326510 *Sale* $105.00
Shows how fuel, weather, and slope affect the behavior of forest fires.
CLEARED FOR TV.

FIRE LOSS MANAGEMENT, PT 2, COMPUTER INSTALLATIONS
20 min, 16mm film, optical sd, b&w 1968
Producer USAEC
Title No. 326626 *Sale* $36.50
AEC fire protection engineers discuss the problems of fire protection of automatic data processing installation.

***FIRE PLOW PERFORMANCE AND USE**
15 min, 16mm film, optical sd, col 1959
Producer USDA *Agency No.* 1312
Title No. 326695 *Sale* $67.00
Shows the advantages of mechanized fire line-building equipment over the use of hand tools. Demonstrates the types of plows evolved through experimentation and experience, as well as the modern transports available. The ways in which such equipment, when operated and managed by trained personnel, save timber stands and reduce suppression costs are stressed.

FIRE PREVENTION - KNOW YOUR FIRE HAZARDS
20 min, 16mm film, optical sd, col 1958
Producer USN *Agency No.* MN08330B
Title No. 326800 *Sale* $82.00
Describes the fire characteristics of certain materials used at work and their potential danger.

FIRE PREVENTION - THE NATURE OF FIRE
16 min, 16mm film, optical sd, col 1958
Producer USN *Agency No.* MN08330A
Title No. 326725 *Sale* $66.00
Uses animation to show that a fire has three essential elements--oxygen, temperature and fuel--and that a fire can be controlled by the elimination of any one of these elements.

FIRE PREVENTION AND THE HOME
25 min, 16mm film, optical sd, col 1968
Producer USAF *Agency No.* TF 6047
Title No. 526700 *Sale* $101.75
Discusses individual responsibilities in observing fire safety in daily living. Illustrates such hazards as overloaded wiring and electric cords running under rugs. Outlines fire survival rules. Shows how carelessness and panic bring tragedy to a family.
CLEARED FOR TV.

***FIRE VS FIRE**
26 min, 16mm film, optical sd, col 1966
Producer USDA *Agency No.* 3394
Title No. 003945 *Sale* $130.00
To assist fire-control managers in developing abilities to know when and why fire should be used in fire control and the technical requirements of using fire in this way. For Forest Service and cooperator personnel responsible for fire suppression, tactical decisions, and implementation.

***FIRE WEATHER**
27 min, 16mm film, optical sd, col 1964
Producer USDA *Agency No.* 1515
Title No. 003946 *Sale* $123.00
Gives foresters and other managers of fire-suppression crews a specific knowledge of weather elements and processes, important in planning fire-suppression strategy.

FIREFIGHTING - SAFETY ABOARD TANKERS
28 min, 16mm film, optical sd, col 1961
Producer USCG
Title No. 326500 *Sale* $131.00
Provides valuable information for training tanker crews in the techniques and methods of handling equipment for firefighting aboard ship, at sea, or alongside a pier.

FIREFIGHTING ABOARD TANKERS
28 min, 16mm film, optical sd, col 1961
Producer USCG
Title No. 327010 *Rental* $12.50 Sale $131.00
Depicts techniques and methods for fighting fires aboard ship, at sea, or alongside a pier. Contains firefighting demonstrations including proper use of various types of equipment. Gives methods of preventing fires and tells how to protect against reflash after a fire is extinguished. Describes use of chemicals, foam, and water.

FIRST AID FOR ALL HANDS
13 min, 16mm film, optical sd, b&w 1959
Producer USN *Agency No.* MN08188A
Title No. 327475 *Sale* $23.75
Establishes the framework of six films by presenting a systematic approach to the examination of an injured person and by establishing the priority for various first aid treatment procedures.

FIRST AID FOR ALL HANDS - ASPHYXIA
15 min, 16mm film, optical sd, b&w 1959
Producer USN *Agency No.* MN08188B
Title No. 327476 *Sale* $27.00
Shows how to recognize and treat asphyxia, and point out some precautions to observe in rescuing asphyxiated persons. Demonstrates methods of applying artificial respiration, with emphasis upon the basic elements inherent in all methods.

FIRST AID FOR ALL HANDS - BLEEDING
15 min, 16mm film, optical sd, b&w 1959
Producer USN *Agency No.* MN08188C
Title No. 327477 *Sale* $27.00
Shows how to recognize and treat injuries involving various kinds of bleeding. Includes examples of lifethreatening bleeding. Demonstrates in detail how and when to use the pressure dressing, elevation, or the tourniquet.

FIRST AID FOR ALL HANDS - BURNS
12 min, 16mm film, optical sd, b&w 1959
Producer USN *Agency No.* MN08188E
Title No. 327478 *Sale* $22.25
Explains how to recognize the severity of a burn. Shows how to give first aid for a thermal or chemical burn. Demonstrates how to relieve pain, prevent shock, and prevent infection.

FIRST AID FOR ALL HANDS - FRACTURES
24 min, 16mm film, optical sd, b&w 1959
Producer USN *Agency No.* MN 8188D
Title No. 001689 *Sale* $42.25
Shows how to recognize and treat a fracture with emphasis upon fractures of the extremities, skull, spine, and pelvis.

FIRST AID FOR ALL HANDS - HANDLING AND TRANSPORTING
13 min, 16mm film, optical sd, b&w 1959
Producer USN *Agency No.* MN08188F
Title No. 327399 *Sale* $23.75
Outlines the principles for handling and transporting of injured persons.

FIRST AID FOR BLEEDING
21 min, 16mm film, optical sd, col 1957
Producer USN *Agency No.* MN08182
Title No. 000601 *Sale* $71.50
Shows how to recognize the three types of bleeding-arterial, venous, and capillary--and how to treat each type.

FIRST AID FOR BURNS
23 min, 16mm film, optical sd, col 1957
Producer USN *Agency No.* MN08185
Title No. 327460 *Sale* $78.25
Explains the first aid treatment for burns--to relieve pain, to prevent or treat shock, and to prevent infection. Emphasizes the necessity for giving prompt and appropriate first aid care. Designed primarily for use with Navy hospital corpsmen.

FIRST AID FOR FRACTURES - INTRODUCTION
15 min, 16mm film, optical sd, col 1955
Producer USN *Agency No.* MN08184A
Title No. 327500 *Sale* $51.75
Explains recognition and general first aid treatment of fractures, with emphasis on fractures of the extremities. Includes descriptions of the basic types of fractures--greenstick, impacted, and comminuted.

FIRST AID FOR FRACTURES - SKULL, SPINE, AND PELVIS
13 min, 16mm film, optical sd, col 1955
Producer USN *Agency No.* MN08184B
Title No. 327505 *Sale* $45.25
Explains the seriousness of fractures of the skull, spine, and pelvis. Through a series of simulated cases, aboard ship and in the field, depicts specific procedures for recognizing and treating each of these types of fractures.

FIRST AID FOR FRACTURES - THE THOMAS LEG SPLINT
8 min, 16mm film, optical sd, b&w 1956
Producer USN *Agency No.* MN08184E
Title No. 327510 *Sale* $14.25
Demonstrates step-by-step how to apply a Thomas leg splint (half-ring) to immobilize any fracture of the thigh, knee, or leg.

FIRST AID FOR FRACTURES - THE TRIANGULAR ARM SPLINT
6 min, 16mm film, optical sd, b&w 1956
Producer USN *Agency No.* MN08184C
Title No. 327515 *Sale* $11.00
Demonstrates step-by-step how to apply a triangular arm splint, and shows how it is employed in combination with a single padded basswood splint for fractures of the upper or lower arm.

FIRST AID FOR FRACTURES - THE UNIVERSAL LEG SPLINT
5 min, 16mm film, optical sd, b&w 1956
Producer USN *Agency No.* MN08184D
Title No. 327520 *Sale* $9.25
Demonstrates step-by-step how to apply a universal leg splint to fractures of the lower extremity.

FIRST AID FOR HEAT STROKE AND HEAT EXHAUSTION
19 min, 16mm film, optical sd, col 1957
Producer USN *Agency No.* MN08186
Title No. 000602 *Sale* $65.00
Demonstrates how to recognize and treat heat stroke and

heat exhaustion cases. Designed primarily for use with Navy hospital corpsmen.

FIRST AID HANDLING AND TRANSPORTING OF THE INJURED - INTRODUCTION
13 min, 16mm film, optical sd, b&w 1956
Producer USN *Agency No.* MN08187A
Title No. 327491 *Sale* $23.75
Reviews the seven principles of proper handling and transporting casualties. Do not move before examining and treating, keep injured lying down, handle carefully, attach record, use three men to roll or lift, keep warm, and use stretcher for transport.

FIRST AID HANDLING AND TRANSPORTING OF THE INJURED - LIFELINES, IMPROVISED STRETCHERS,...
13 min, 16mm film, optical sd, b&w 1956
Producer USN *Agency No.* MN08187C
Title No. 327490 *Sale* $23.75
FULL TITLE--FIRST AID HANDLING AND TRANSPORTING OF INJURED - LIFELINES, IMPROVISED STRETCHES, AND CARRIERS. Covers special techniques of handling and transporting the injured in emergency situations where standard stretchers are not available. Indludes use of lifelines.

FIRST AID HANDLING AND TRANSPORTING OF THE INJURED - MASTERING BASIC TECHNIQUES
27 min, 16mm film, optical sd, b&w 1956
Producer USN *Agency No.* MN08187B
Title No. 327492 *Sale* $47.00
Reviews techniques for straightening a seriously injured casualty--rolling, lifting, transporting in the Army litter, and the use of the Stokes and Neil Robertson stretchers.

FIRST AID, PT 1, MAJOR WOUNDS AND FRACTURES
33 min, 16mm film, optical sd, col 1957
Producer USA *Agency No.* TF08-2292
Title No. 327730 *Sale* $133.00
Describes treatment for wounds of the chest, belly, head and face--fractures of jaw, leg, elbow, arm, ribs neck and back.
THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY.

FIRST AID, PT 3, BURNS
14 min, 16mm film, optical sd, col 1960
Producer USA *Agency No.* TF08-2588
Title No. 327529 *Sale* $48.50
Shows symptoms of 1st, 2nd, and 3rd degree burns. Demonstrates first aid for serious burns caused by flame, hot liquid, white phosphorus, acid, and alkali.

FIRST AID, PT 4, RESUSCITATION, MOUTH TO MOUTH, MOUTH TO NOSE
23 min, 16mm film, optical sd, col 1961
Producer USA *Agency No.* TF08-3021
Title No. 327530 *Sale* $78.25
Compares mouth-to-mouth and mouth-to-nose resuscitation with other methods of artificial respiration. Demonstrates the application of mouth-to mouth resuscitation, thumb jaw-lift, two hands jawlift and mouth-to-nose techniques.

FIRST CHEMICAL SEPARATION OF LAWRENCIUM
17 min, 16mm film, optical sd, col 1968
Producer USAEC
Title No. 001690 *Sale* $118.00
Shows the preparation for the chemical separation of lawrencium, the rapid performance of the chemical separation before the radioactive lawrencium transmutates into another element. Presents a detailed description of the separation chemistry, as an explanation of the overall experiment and its significance, by the research chemist who first chemically separated lawrencium.

FIRST FORTY DAYS, THE
24 min, 16mm film, optical sd, b&w 1950
Producer USA *Agency No.* CMF045-7761
Title No. 328045 *Sale* $42.25
Presents the first 43 days of American combat in Korea, arrival of troops, unloading of supplies and equipment, combat scenes of Generals Walker and Dean, arrival of replacements, combat scenes at Taejon, blowing up bridges, and establishing defense lines.

FIRST GRADE READING
10 min, 16mm film, optical sd, b&w 1966
Producer USOE *Agency No.* OE 507
Title No. 328050 *Rental* $5.00 Sale $17.50
One of a series designed to stimulate teacher discussion of the various uses of programmed instruction in teaching first grade reading.
From the *PROGRAMMED INSTRUCTION - THE TEACHER'S ROLE Series.*

FIRST GRADE READING (SPANISH)
10 min, 16mm film, optical sd, b&w 1966
Producer USOE *Agency No.* OE 507
Title No. 001706 *Rental* $5.00 Sale $17.50
One of a series designed to stimulate teacher discussion of the various uses of programmed instruction in teaching first grade reading.
From the *PROGRAMMED INSTRUCTION - THE TEACHER'S ROLE Series.*

FIRST IMPRESSIONS
21 min, 16mm film, optical sd, b&w 1942
Producer USN *Agency No.* MN01374
Title No. 328065 *Sale* $37.00
Emphasizes the importance of first impressions, and demonstrates step-by-step a technique of introducing a new employee to the job.

FIRST IMPRESSIONS (SPANISH)
21 min, 16mm film, optical sd, b&w 1942
Producer USN *Agency No.* MNO1374
Title No. 001707 *Sale* $37.00
Emphasizes the importance of first impressions, and demonstrates step-by-step a technique of introducing a new employee to the job.

FIRST IN COMMAND - THE NAVY SKIPPER
29 min, 16mm film, optical sd, col 1968
Producer USN *Agency No.* MN10414
Title No. 328055 *Sale* $117.50
Shows authority and responsibilities of the commanding officer of a Navy ship. The Captain's role on the bridge, in the wardroom, on the mess deck, at captain's mast and at general quarters on a destroyer leader guided missile, is described. Narrated by Richard Boone.

***FIRST MINUTE, THE**
18 min, 16mm film, optical sd, col 1967
Producer USBM
Title No. 003555 *Sale* $75.75
The importance of taking quick action and applying first aid within the first minute after an accident has occurred is dramatized by an accident in the home, an auto accident, and a mining accident.
PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

FIRST REACTOR IN SPACE - SNAP-10A
15 min, 16mm film, optical sd, col 1965
Producer USAEC *Agency No.* 0135
Title No. 001691 *Sale* $110.00
Describes the development of the SNAP-10a unit, the world's first nuclear power system to operate in space, its launch in 1965 by an Atlas-Agena vehicle, and the results of the experiment which was operated successfully for 43 days and produced more than 500,00 watt-hours of electricity.

FIRST SHORT STEP, THE
7 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No.* AD 014
Title No. 328525 *Sale* $30.75
Shows the problems of moving the separate stages of the

Saturn V to the Kennedy Space Center. Various stages are shown being barged, airlifted and trucked to Florida with each method posing unusual problems requiring unusual solutions.
From the *APOLLO DIGEST* series.

FIRST SOFT STEP, THE
29 min, 16mm film, optical sd, b&w 1966
Producer USNASA *Agency No.* HQK-SR1
Title No. 328540 *Sale* $57.00
Presents a detailed look at the overall mission accomplishments of the Surveyor Program to soft-land a picturetaking craft on the surface of the Moon. Introduces the viewer to the spacecraft and to top scientists involved in its flight. Concludes with photos sent back to Earth from Surveyor 1.
CLEARED FOR TV.

***FIRST THINGS FIRST**
29 min, 16mm film, optical sd, col 1959
Producer USBM
Title No. 003537 *Sale* $119.50
Describes the derailment of the mantrip's accident in an underground coal mine. Two of the uninjured men, who have had first aid training, take charge and proceed to care for the injured men. Demonstrates the first aid principles in action.
PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

***FIRST TUESDAY AFTER THE FIRST MONDAY, THE**
18 min, 16mm film, optical sd, b&w 1967
Producer USDOD *Agency No.* AFIF 0171
Title No. 001692 *Sale* $10.00
Traces the history and evolution of presidential voting in the United States from the election of George Washington. Depicts the creation of the two-party system, the caucus, absentee ballot and women's voting rights. Shows how crpss-country campaigning has grown from whistle stops and motor cavalcades to modern air travel and television debates. Stresses the importance of every eligible person exercising the right to vote.

***FIRST WORLD FESTIVAL OF NEGRO ARTS**
40 min, 16mm film, optical sd, b&w 1967
Producer USIA *Agency No.* 51-00523
Title No. 328585 *Rental:* W/DRAWN Sale: W/DRAWN
Presents Dakar's 24-day Festival of Negro Arts which pointed up the Negro contribution to the cultural heritage of mankind. Depicts performances of African and American entertainers, and displays of art works.

FITTING AND INSTALLING A SECTION OF PIPE ABOARD SHIP
20 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN02337D
Title No. 330075 *Sale* $35.25
Tells how to apply flanges, insert bolts, install pipe hangers, weld a fitted template, apply same principles to wooden and mechanical templates, and set up and install female template aboard ship.

FITTING AND SCRAPING SMALL BEARINGS
24 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No.* OE 036
Title No. 330100 *Rental* $10.00 Sale $42.25
Shows how to scrape split bearings for shaft fit and alignment, how to 'relieve' a split bearing to aid lubrication and how to cut oil grooves in the cap of a split bearing.
From the *MACHINE SHOP WORK* series. Bench Work, No. 3

FITTING TUBE, SHAFT, AND PROPELLER
29 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 342
Title No. 330145 *Rental* $10.00 Sale $50.25
Describes how the stern tube and tail shaft are installed, how the propeller is swung into position and lined up, how the fairwater cap and rope guard are installed, and how the tail-shaft assembly is secured for launching.
From the *SHIPBUILDING SKILLS* series. Marine Machinery Installation, No. 9

FIVE DAYS OF BETSY, THE
12 min, 16mm film, optical sd, b&w 1966
Producer USOCD *Agency No.* DODCD20
Title No. 001693 *Sale* $21.75
Shows the havoc wrought by Hurricane Betsy as it hit the Florida and Louisiana mainlands, and of the efforts of civil defense, the military services, and government and private welfare agencies in assisting the people during this disaster.

FIXED GAGES
17 min, 16mm film, optical sd, b&w 1941
Producer USOE *Agency No.* OE 003
Title No. 330700 *Rental* $7.50 Sale $30.50
Presents types and uses of gages for precision measurement. Snap, ring, plug, taper plug, taper right, flush pin and screw plug gages.
From the *MACHINE SHOP WORK* series.

FIXED WING PRIMARY FLIGHT TRAINING, PT 7, DIRECTIONAL CONTROL
14 min, 16mm film, optical sd, b&w 1962
Producer USA *Agency No.* TF46-3271
Title No. 330781 *Sale* $25.50
Shows use of aircraft instruments in controlling the direction in the roll out.

FLEET THAT CAME TO STAY, THE
22 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No.* MN05802
Title No. 323480 *Sale* $38.50
Explains the invasion of Okinawa from the U S Navy point of view and illustrates the operation by scenes of the combat.

FLEXION EXERCISES IN THE MANAGEMENT OF LOW BACK MECHANICAL DISORDERS
39 min, 16mm film, optical sd, col 1956
Producer USVA
Title No. 333495 *Sale* $130.50
Reviews various treatments for low-back mechanical disorders. Describes use of a set of flexion exercises for patients with heriniated or bulging discs, spur formations on vertebrae, spondylolisthesis, postural backache, several congenital anomalies, and in postoperative care. Emphasizes that flexion exercises are a contribution to the total knowledge of low-back mechanical disorders rather than a definitive treatment.

FLIGHT LINE SAFETY
20 min, 16mm film, optical sd, col 1962
Producer USA *Agency No.* TF46-3105
Title No. 331580 *Sale* $68.25
Teaches Army aircraft mechanics the rules and procedures to prevent accidents when performing maintenance tasks in the service areas.

FLIGHT OF APOLLO 07, THE
14 min, 16mm film, optical sd, col 1968
Producer USNASA *Agency No.* HQ 187
Title No. 331590 *Sale* $62.00
Shows the first manned mission in the U S Apollo Manned Lunar Landing Program. Shows three astronauts living and working aboard the Apollo Command Module during the 11-day flight.

FLIGHT OF EAGLE AND COLUMBIA
7 min, 16mm film, optical sd, col 1969
Producer USNASA
Title No. 331675 *Sale* $36.50
Shows man's first Moon landing, July 1969, including highlights of the flight of Astronauts Armstrong, Aldrin, and Collins from launching through post-recovery activities, with emphasis on initial exploration of the lunar surface.

***FLIGHT OF FAITH 07, THE**
28 min, 16mm film, optical sd, col 1963
Producer USNASA *Agency No.* HQA 101
Title No. 000605 *Sale* $117.25
Shows Astronaut Gordon Cooper's Project Mercury flight in

1963 as documented from the pre-flight training through launch and recovery. Tells the story of the final flight in the Mercury Program series.

***FLIGHT OF GEMINI 04**
13 min, 16mm film, optical sd, col
Producer USIA *Agency No.* 01-02663
Title No. 004534 *Rental:* W/DRAWN *Sale:* W/DRAWN
Chronicles the 62-orbit space flight of Edward White and James MC Divitt, June, 1965. Includes Titan II Rocket, countdown and liftoff, White's 20-minute space walk, re-entry, recovery at sea and congratulations by president Johnson at Houston, Texas.

FLIGHT OF GEMINI 08
24 min, 16mm film, optical sd, b&w
Producer USIA *Agency No.* 04-02533
Title No. 004535 *Rental:* W/DRAWN *Sale:* W/DRAWN
Explains the purpose of the Gemini flight and shows the launch, rendezvous, emergency splash-down and recovery of Astronauts Armstrong and Scott. Includes animation, film and VTR coverage, and footage taken by the on-board camera.

FLIGHT SERVICE STATION, THE
30 min, 16mm film, optical sd, col 1969
Producer USFAA *Agency No.* FA-0901
Title No. 331875 *Sale* $101.00
Shows what FAA flight service stations do to make flight safer, and a lot easier.

FLIGHT THROUGH INSTRUMENTS - BASIC INSTRUMENT FLYING
24 min, 16mm film, optical sd, b&w 1953
Producer USN *Agency No.* MN06773A
Title No. 331881 *Sale* $42.25
Shows a pilot how to use the instrument panel as a lens or window through which he 'sees' the airplane in its relation to the three dimensions in which it travelers. Illustrates the instruments that are now standard equipment in modern planes and explains how to use them.

FLIGHT TO THE SOUTH POLE
29 min, 16mm film, optical sd, col 1968
Producer USN *Agency No.* MN10489
Title No. 331890 *Sale* $117.50
hows the challenge of Antarctic flying, from Rear Admiral Byrd's first polar flight to Operation Deepfreeze. Includes scenes of c-130 Hercules Aircraft operations in the Antarctic.

FLIGHT TO TOMORROW
28 min, 16mm film, optical sd, col 1967
Producer USNASA *Agency No.* HQ 168
Title No. 331720 *Sale* $107.25
Shows some of NASA's advanced aeronautical research to improve the aircraft of tomorrow.

FLIGHT TRAINING - BEFORE YOU FLY
14 min, 16mm film, optical sd, b&w 1953
Producer USN *Agency No.* MN07398A
Title No. 331896 *Sale* $25.50
Shows the basic pilot pre-flight using the SNJ-6 trainer, stresses the pattern to be used by pilots in inspecting their aircraft prior to flying. Demonstrates how to leave the line, taxi, and return to the line, and how to start and stop the engine.

FLIGHT TRAINING - CROSSWIND APPROACHES, LANDINGS AND TAKE-OFFS
8 min, 16mm film, optical sd, b&w 1953
Producer USN *Agency No.* MN07398C
Title No. 331898 *Sale* $14.25
Explains principles of crosswind crabbing, and landing techniques.

FLIGHT TRAINING - EMERGENCIES
9 min, 16mm film, optical sd, b&w 1953
Producer USN *Agency No.* MN07398D
Title No. 331899 *Sale* $15.75
Illustrates high altitude and low altitude emergency procedures as taught in the SNJ-6 basic trainer.

FLIGHT TRAINING - FUNDAMENTALS OF FORMATION FLYING, THREE PLANE AND FOUR PLANE
25 min, 16mm film, optical sd, b&w 1953
Producer USN *Agency No.* MN07398I
Title No. 331904 *Sale* $43.75
Explains to the student naval aviator the basic fundamentals of formation flying. Shows formation maneuvers in plane photography, animation, and student's eye view sequences starting with rendezvous through break-up. Based upon three-and four-plane sections using SNJ-6 aircraft.

THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY.

FLIGHT TRAINING - SMALL FIELDS
11 min, 16mm film, optical sd, b&w 1953
Producer USN *Agency No.* MN07398E
Title No. 331900 *Sale* $19.25
Demonstrates the small field pattern, emphasizing the No. 1 and No. 2 positions and approaches from these positions, and shows the effect of wind and the importance of cross-wind gliding.

FLIGHT TRAINING - TAKE-OFFS, APPROACHES, AND LANDINGS
14 min, 16mm film, optical sd, b&w 1953
Producer USN *Agency No.* MN07398B
Title No. 331897 *Sale* $25.50
Demonstrates basic approach, landing, and take-off techniques to student aviators.

FLIGHT TRAINING - THE BARREL ROLL
9 min, 16mm film, optical sd, b&w 1953
Producer USN *Agency No.* MN07398H
Title No. 331903 *Sale* $18.75
Explains to student pilots the overall pattern and positions of the SNJ aircraft in the barrel roll. Shows specific relationships of the plane to ground check points during clearing turns, initial starting point, 45 degree position, inverted position, and recovery.

THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY.

FLIGHT TRAINING - THE WINGOVER ROLL
11 min, 16mm film, optical sd, b&w 1953
Producer USN *Agency No.* MN07398G
Title No. 331902 *Sale* $23.75
Explains to student pilots the overall pattern and positions of the SNJ aircraft in the wingover roll. Shows specific relationships of the plane to ground check points during clearing turns, initial starting point, 45 degree position, 90 degree inverted position, and recovery.

THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY.

FLIGHT TRAINING - WINGOVERS AND CHANDELLES
13 min, 16mm film, optical sd, b&w 1953
Producer USN *Agency No.* MN07398F
Title No. 331901 *Sale* $23.75
Shows the performance of wingovers and chandelles, stressing the reasons for these maneuvers and how a student can learn to coordinate controls through practicing these maneuvers.

FLIGHT WITHOUT WINGS
14 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No.* HQ 175
Title No. 331910 *Sale* $64.25
Traces the development of wingless aero-space craft which can be launched by rockets for space shuttle use in returning men to predetermined landing sites on Earth. Describes in non-technical terms the aerodynamic characteristics of these lifting bodies and potential uses of them.

FLOATING DRYDOCKS - CAREENING THE YFD-5
17 min, 16mm film, optical sd, b&w 1946
Producer USN *Agency No.* MN09042
Title No. 000606 *O/PRINT*
Shows the method of tipping an 18,000 ton yard floating dock on its beam to provide passage through the Panama Canal, and explains the need for this type of careening where docks have a wider beam than the width of the canal.

FLOATING FORTRESS
14 min, 16mm film, optical sd, b&w 1952
Producer USN *Agency No.* MN07834
Title No. 332077 *Sale* $25.50
Portrays a day's activities aboard a U S battleship off the coast of Korea, including bombardment of enemy positions along the shore, and living conditions and habits of officers and crew.

FLOCCULATION TEST FOR PARASITIC DISEASE
7 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-0857
Title No. 000607 *Sale* $24.50
Demonstrates a rapid technique for detecting certain parasitic diseases. Employs flocculating bentonite particles.

FLOW PROCESS CHART AND HOW TO USE IT, THE
15 min, 16mm film, optical sd, col 1945
Producer USOSRD
Title No. 332450 *Rental* $10.00 Sale $51.75
Shows the use of a flow process chart in the study and application of work simplification, the meaning of the symbols used on such a chart, and the use of the chart in analyzing the relatively simple job of shaving.

FLOW PROCESS CHART AND HOW TO USE IT, THE (SPANISH)
15 min, 16mm film, optical sd, col 1945
Producer USOSRD
Title No. 001708 *Rental* $10.00 Sale $51.75
Shows the use of a flow process chart in the study and application of work simplification, the meaning of the symbols used on such a chart, and the use of the chart in analyzing the relatively simple job of shaving.

FLOWERS OF DARKNESS
22 min, 16mm film, optical sd, col 1969
Producer USNIMH
Title No. 333080 *Rental:* W/DRAWN Sale: W/DRAWN
Traces the history of opium to the present-day usage of heroin, the most destructive and highest-priced commodity in the world. Examines Asian usage, looks looks at the methods and procedures of organized crime trafficking the drug to U S, and portrays its toll on the streets of America. Addicts in this country talk about their compulsion for drugs and experts describe methods of combatting the problem. Narrated by Paul Newman.
From the *DISTANT DRUMMER* series.

FLUE GAS ANALYSIS - ORSAT APPARATUS
19 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 367
Title No. 333150 *Rental* $7.50 Sale $33.75
Shows how to set up the Orsat gas analyzer, collect an air-free sample of flue gas, absorb and measure the amounts of carbon dioxide, oxygen and carbon monoxide in the sample and calculate the amount of nitrogen.

FLUID COUPLING, THE - PRINCIPLES OF OPERATION
13 min, 16mm film, optical sd, b&w 1954
Producer USA *Agency No.* TF09-1953
Title No. 001694 *Sale* $32.75
Explains the fluid coupling, its components parts, and operation.

FLUOROMETRIC DETERMINATION OF SERUM PHENYLALANINIE, PT 1, PREPARATION OF ...
13 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1349
Title No. 001695 *Sale* $45.25
FULL TITLE--FLUOROMETRIC DETERMINATION OF SERUM PHENYLALANINE, PT 1, - PREPARATION OF REAGENTS AND STANDARDS. Demonstrates formulations and techniques of preparing the reagents used in the fluorometric determination of phenylalanine.

FLUOROMETRIC DETERMINATION OF SERUM PHENYLALANINE (SHORT METHOD), PT 1
13 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1417A
Title No. 000608 *Sale* $45.25
Shows how regents are prepared for rapid measurement of phenylalanine levels in blood serum, using a fluorometer.

FLUOROMETRIC DETERMINATION OF SERUM PHENYLALANINE (SHORT METHOD), PT 2
16 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1417B
Title No. 000609 *Sale* $53.50
Demonstrates the procedure for rapid measurement of phenylalanine levels in blood serum, using a fluorometer.

FLUOROMETRIC DETERMINATION OF SERUM PHENYLALANINE, PT 2, PROCEDURE
18 min, 16mm film, optical sd, col 1967
Producer USNMAC *Agency No.* M-1350
Title No. 000610 *Sale* $61.[illegible]5
Demonstrates the treatment of serum samples, use of reagents and water baths to produce maximum fluorescence intensity. Shows how to set up the fluorometer and how to adjust and read it.

FLUOROMETRIC DETERMINATION OF SERUM TYROSINE, PT 1, PREPARATION OF REAGENTS
10 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1400
Title No. 333520 *Sale* $34.00
Demonstrates formulations and techniques of preparing reagents used in the fluorometry of tyrosine.

FLUOROMETRIC DETERMINATION OF SERUM TYROSINE, PT 2, PROCEDURE
10 min, 16mm film, optical sd, col 1967
Producer USNMAC *Agency No.* M-1401
Title No. 333521 *Sale* $34.00
Shows treatment of serum samples and methods of developing maximum fluorescence density. Demonstrates use of fluorometer and how to plot final readings.

FLY CONTROL THROUGH BASIC SANITATION
9 min, 16mm film, optical sd, col 1950
Producer USNMAC *Agency No.* 04-00090
Title No. 334150 *Sale* $31.00
Shows conditions which favor fly breeding in a community--filth, warm, moisture, and time for development. Outlines specific procedures in urban and rural areas for basic sanitation programs, particularly the elimination of open garbage and refuse dumps.

FLY CONTROL THROUGH BASIC SANITATION (FRENCH)
9 min, 16mm film, optical sd, col 1950
Producer USPHS *Agency No.* M-1140-FR
Title No. 334151 *Sale* $31.00
Shows conditions which favor fly breeding in a community--filth, warmth, moisture and time for development. outlines specific procedures in urban and rural areas for basic sanitation programs, particularly the elimination of open garbage and refuse dumps.
From the *COMMUNITY FLY CONTROL* series.

FLY DENSITY SURVEYS BY THE GRILL METHOD
6 min, 16mm film, optical sd, col 1949
Producer USNMAC *Agency No.* 04-00086
Title No. 334160 *Sale* $21.25
Explains the nature, construction, and use of the fly grill for measuring fly density.

FLYING CLUBS
20 min, 16mm film, optical sd, col 1969
Producer USFAA *Agency No.* FA-0705
Title No. 334375 *Sale* $74.75
Describes the advantages in belonging to a flying club. Emphasizes safety factors to be considered in organizing flying clubs, enlisting new members, purchasing and leasing equipment, establishing good relations with a fixed base operator and other important matters affecting safe, efficient, and economical operations.

FLYING IN A PRESSURE CABIN
20 min, 16mm film, optical sd, col 1954
Producer USN *Agency No* MN09315
Title No 334380 *Sale* $68.25
Presents instructions concerning the proper operation of aircraft pressurization and air conditioning systems and emergency procedures to be followed in the event of a loss of cabin pressure.

FLYING SOLDIERS
30 min, 16mm film, optical sd, b&w 1958
Producer USA *Agency No* MF46-8998
Title No 000611 *Sale* $52.00
Explains the purpose and application of the new concept of Army tactical mobility through Army aviation.

•**FLYING THE WEATHER MAP**
27 min, 16mm film, optical sd, col 1944
Producer USN *Agency No* MN00119H
Title No 001696 *Rental* $12.50
Shows observers determining weather conditions. Illustrates the features of a weather map and shows various fronts represented by colored lines. Explains symbols indicating precipitation areas, thunderstorms, rain showers, air masses, and pressure areas.
From the *AEROLOGY* series.

•**FLYING THE WEATHER MAP - THE EQUATORIAL FRONT**
12 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No* MN03112C
Title No 001697 *Rental* $7.50
Discusses the equatorial weather front--the area it covers, how it is caused, how the clouds look, where and when it changes (seasonally, daily, hourly) and how to calculate changes. Explains how to fly the equatorial front. Points out that up-to-date information about the equatorial front depends on data which pilots bring back from trips.

•**FLYING THE WEATHER MAP - WEATHER FOR THE NAVIGATOR**
9 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No* MN03112A
Title No 001698 *Rental* $7.50
Illustrates the assistance rendered to navigators by the radio which has made each navigator a member of a vast network of observers, each sending his own limited observations to professional forecasters at weather centrals.

FOLLOW UP, THE
13 min, 16mm film, optical sd, col 1967
Producer USSBA
Title No 335459 *Rental* $10.00 Sale $54.50
Illustrates the value of following up on advertisements and promotions, such as--radio commercials, soliciting customers' reactions to store layouts and point-of-sale ads, and getting business associates' opinions of ads used or planned to bring out many of the factors to consider in advertising/sales promotion follow-up.

FOOD CONSERVATION - THE DOLLARS AND SENSE OF GOOD EATING
9 min, 16mm film, optical sd, b&w 1956
Producer USA *Agency No* TF10-2244
Title No 335625 *Sale* $19.00
Shows economic merits of taking just enough food for individual capacity. Points out that conscious avoidance of waste allows for menu extras.
CLEARED FOR TV

FOOD FOR SPACE TRAVELERS
29 min, 16mm film, optical sd, b&w 1966
Producer USNASA *Agency No* HQK-SR3
Title No 336040 *Sale* $55.75
Reports on the progress and problems involved in developing, preparing and eating nutritious and tasteful foods during extended space journeys.

FOOD PREPARATION
13 min, 16mm film, optical sd, col 1954
Producer USNMAC *Agency No* M-0148-D
Title No 336250 *Sale* $45.25
Portrays cooking operations in preparing a typical meal in a medium-sized restaurant and emphasizes the important sanitary precautions taken by the kitchen personnel in the preparation and handling of the food.

•**FOOL AND HIS MONEY, A**
23 min, 16mm film, optical sd, col 1970
Producer USN *Agency No* MH-10862
Title No 002093 *Sale* $93.75
Provides instructions to service personnel on sound decisions in personal affairs dealing with financial transactions.

FOOTPRINTS IN THE SEA
26 min, 16mm film, optical sd, col 1966
Producer USN *Agency No* MN10314
Title No 336975 *Sale* $88.00
Reports on the latest deep submersible maneuverable craft being tested and used by the Navy. Over 50 percent of the film is made of new underwater photography, including scenes of souscoupe, deep jeep, morey, and curv.

FOR A BRIGHT HOME LIFE
26 min, 16mm film, optical sd, b&w 1950
Producer USIA
Title No 337078 *Rental:* W/DRAWN Sale: W/DRAWN
Portrays projects undertaken by two Japanese school girls enrolled in a domestic science class in Japan in order to modernize the kitchens in their rural homes.

FOR ALL THE PEOPLE - THE HARRY S TRUMAN LIBRARY
29 min, 16mm film, optical sd, col 1969
Producer USNLT
Title No 337080 *Rental* $12.50 Sale $109.25
Shows the role of Truman during and immediately following World War II. Includes such historical episodes as the ending of the war in Europe, the use of the Atomic Bomb, the end of the war in the Pacific, American participation in the U N, the Korean war, the Truman Doctrine, and postwar domestic programs. Narrated by Martin Gabel.

FOR CHILDREN - BECAUSE WE CARE
13 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No* MIS-0879
Title No 337200 *Sale* $45.25
Noted pediatrician, Dr Benjamin Spock discusses community water flouridation, its safety, and low-cost in reducing dental caries. A collection of photographs of children and adults in fluoridated and nonflouridated communities show the facts. Dr Spock gives advice to parents.

FOR THOU ART WITH ME
14 min, 16mm film, optical sd, col 1966
Producer USN *Agency No* MH10278G
Title No 337410 *Sale* $48.50
Describe the ministry and missions of the chaplains in Vietnam. Shows how chaplains of different faiths administer to the spiritual needs of Marines before, during, and after combat.

FORCE IN READINESS
28 min, 16mm film, optical sd, col 1961
Producer USMC *Agency No* MH09552
Title No 337690 *Sale* $94.50
Shows the Navy-Marine Corps team in operation, featuring the value of trained manpower, while pointing up the many modern weapons available to the team.

•**FORCEPS DELIVERIES - A SERIES**
171 min, 16mm film, optical sd, col 1963
Producer USA
Title No 003124 *Sale* $708.50
Presents an introduction and the equipment and techniques of forceps delivery.

PREREQUISITES FOR FORCEPS DELIVERIES, PT 1

FORCEPS DELIVERIES, PT 3, TRACTION

FORCEPS DELIVERIES, PT 4, TRANSVERSE ARREST

• INDICATES NEW ENTRY

FORCEPS DELIVERIES, PT 5, KEILLAND FORCEPS

FORCEPS DELIVEREIS, PT 6, FORCEPS MANAGE- --

MENT OF FACE PRESENTATIONS

FORCEPS DELIVERIES, PT 7, BARTON FORCEPS

FORCEPS DELIVERIES, PT 8, PIPER FORCEPS --

FOR AFTER-COMING HEAD

***FORCEPS DELIVERIES, PT 1, PREREQUISITES FOR FORCEPS DELIVERIES**

17 min, 16mm film, optical sd, col 1963
Producer USA *Agency No.* PMF 5357
Title No. 003125 *Sale* $72.00
Presents factors concerned in use of forceps - position and engagement of baby's head, type and dilation of cervix, knowledge of all types of forceps.
From the *FORCEPS DELIVERIES* series.
SUGGESTED FOR PROFESSIONAL GROUPS ONLY.

***FORCEPS DELIVERIES, PT 3, TRACTION**

25 min, 16mm film, optical sd, col 1963
Producer USA *Agency No.* PMF-5359
Title No. 003126 *Sale* $103.75
Demonstrates manual and instrumental methods of accomplishing axis-traction-proper application of classical and special forceps used in the instrumental method.
From the *FORCEPS DELIVERIES* series.
SUGGESTED FOR PROFESSIONAL GROUPS ONLY

***FORCEPS DELIVERIES, PT 4, TRANSVERSE ARREST**

40 min, 16mm film, optical sd, col 1963
Producer USA *Agency No.* PMF-5360
Title No. 003127 *Sale* $162.25
Illustrates forceps delivery techniques for transverse positions of the occiput, and posterior positions of the occiput.
From the *FORCEPS DELIVERIES* series.
SUGGESTED FOR PROFESSIONAL GROUPS ONLY

***FORCEPS DELIVERIES, PT 5, KEILLAND FORCEPS**

48 min, 16mm film, optical sd, col 1963
Producer USA *Agency No.* PMF-5361
Title No. 003128 *Sale* $199.25
Shows uses and applications of the Keilland forceps for deliveries involving transverse and posterior positions.
From the *FORCEPS DELIVERIES* series.
SUGGESTED FOR PROFESSIONAL GROUPS ONLY

***FORCEPS DELIVERIES, PT 6, FORCEPS MANAGEMENT OF FACE PRESENTATIONS**

10 min, 16mm film, optical sd, col 1963
Producer USA *Agency No.* PMF-5362
Title No. 003129 *Sale* $40.75
Illustrates application of Keilland forceps for management of face presentations in delivery-advantages of instrumental management over manual management underscored.
From the *FORCEPS DELIVERIES* series.
SUGGESTED FOR PROFESSIONAL GROUPS ONLY

***FORCEPS DELIVERIES, PT 7, BARTON FORCEPS**

19 min, 16mm film, optical sd, col 1963
Producer USA *Agency No.* PMF-5363
Title No. 003130 *Sale* $80.00
Demonstrates application and use for transverse arrest and face presentation deliveries--advantages for patients with deformed sacrum or flat pelvis.
From the *FORCEPS DELIVERIES* series.
SUGGESTED FOR PROFESSIONAL GROUPS ONLY

***FORCEPS DELIVERIES, PT 8, PIPER FORCEPS FOR AFTER-COMING HEAD**

12 min, 16mm film, optical sd, col 1963
Producer USA *Agency No.* PMF-5364
Title No. 003131 *Sale* $50.50
Demonstrates application and use of Piper forceps for deliveries involving breech presentation.
From the *FORCEPS DELIVERIES* series.
SUGGESTED FOR PROFESSIONAL GROUPS ONLY

FOREIGN LANGUAGE LEARNING IN OUR SCHOOLS A REPORT ON RESULTS ACHIEVED BY STARTING IN

27 min, 16mm film, optical sd, col 1966
Producer USOE *Agency No.* OE 499
Title No. 338100 *Rental* $12.50 Sale $91.25
FULL TITLE--FOREIGN LANGUAGE LEARNING IN OUR SCHOOLS - REPORT ON RESULTS ACHIEVED BY STARTING IN THE ELEMENTARY SCHOOL. Presents a pictorial survey of activities during classes in French, German, Spanish, and Russian in elementary and secondary schools, and one college. Suitable for showings to P T A meetings, school administrators, teachers, and youth groups.

***FOREIGN MARKETING NEWSREEL**

13 min, 16mm film, optical sd, col 1962
Producer USDA *Agency No.* 1530
Title No. 338138 *Sale* $64.00
Takes viewer around the world for a colorful look at American agricultural products on the move. Explains how and why U S farm products are finding large markets and making big news in the intensely competitive world of the 1960's.

FOREIGN OBJECTS DAMAGE TO ARMY AIRCRAFT

16 min, 16mm film, optical sd, b&w 1967
Producer USA *Agency No.* TF46-3822
Title No. 338140 *Sale* $28.50
Explains the danger of foreign object damage, how it is caused in Army rotary and fixed wing aircraft, and how it can be prevented.

***FOREMANSHIP TRAINING - A SERIES**

42 min, 16mm film, optical sd, col 1968
Producer USBM
Title No. 003526 *Sale* $165.75
Motivates coal mine supervisory personnel to stress safety in all facets of the mining process.

SET THE PACE

INVESTIGATION - A TOOL FOR ACCIDENT PREVENTION

TEACH SAFETY

SELL SAFETY

PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15213. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

***FOREST IN A MUSEUM**

11 min, 16mm film, optical sd, col 1962
Producer USDA *Agency No.* 1910
Title No. 003948 *Sale* $56.00
Features the 1 1/4-acre 'Beaver National Forest' Exposition Ranch Museum in New Mexico. Tells the story of multiple use thorugh small-scale models of animals, people, and fire tower, with real trees, grass and water. Living animals and birds on exhibit at the Museum are shown also.

***FOREST PATTERNS - BEAUTY AND USE**

19 min, 16mm film, optical sd, col 1966
Producer USDA *Agency No.* 5652
Title No. 003949 *Sale* $[illegible].00
Stresses the planned, scientific, and, systematic harbest of timber--the management patterns called patch cutting.

***FOREST SERVICE ENGINEER, THE**

24 min, 16mm film, optical sd, col 1959
Producer USDA *Agency No.* 1359
Title No. 338550 *Sale* $94.00
Tells the story of the Forest Service Engineers, the men who share with Forest Rangers the responsibility of managing, protecting and developing the resources of the national forests. Explains how they design and supervise the construction of all roads and trails and other facilities necessary for the many activities on the national forests and are responsible for surveying and mapping forest areas.

• FOREST, THE
29 min, 16mm film, optical sd, col 1960
Producer USDA *Agency No* 1421
Title No 338560 *Sale* $128.00
Shows that national forests are valuable for water conservation, timber, forage and recreation. Depicts trail riding, skiing and picnicking; uses little narration; music is by the Air Force Symphony Orchestra.

FORGE WELDING
12 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 192
Title No 338940 *Rental* $7.50 Sale $22.25
Describes how to maintain a proper fire, upset and scarf round stock, make a lap weld, and shape and hammer refine the weld.
From the *FARM WORK* series. Forging, No. 2

FORGING WITH A HAND FORGE
13 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 191
Title No 339050 *Rental* $7.50 Sale $23.75
Shows how to clean the tuyere and build an open fire in a forge, lay out and mark the stock, heat mild steel for forging, and forge an eye.
From the *FARM WORK* series. Forging, No. 1

FORMALIN-ETHER SEDIMENTATION TECHNIQUE
8 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No* M-0761
Title No 338240 *Sale* $27.75
Shows the step-by-step procedure for performing the formalin-ether sedimentation technique on fecal specimens for diagnosis of intestinal parasites.

FORMING ON A HAND OPERATED BRAKE
17 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 134
Title No 339400 *Rental* $7.50 Sale $30.50
Shows how to set up the brake for bend angle and bend radius, operate the brake, and check test pieces and finished work.
From the *AIRCRAFT WORK* series. Forming Sheet Metal, No. 3

FORMING ON ROTARY MACHINES
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 290
Title No 339420 *Rental* $7.50 Sale $30.50
Describes how to form sheet-metal parts on the slip-roll machine and on the beading-roll machine.
From the *AIRCRAFT WORK* series. Forming Sheet Metal, No. 2

FORMING ON THE STRETCHING MACHINE
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 251
Title No 006422 *Sale* $35.75
Shows how to form a skin panel on the stretch press, set up the machine, make necessary adjustments for a production run, and handle the run.
From the *AIRCRAFT WORK* series. Forming Steel Metal, No. 6

FORMING WITH A DROP HAMMER
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 291
Title No 339440 *Rental* $7.50 Sale $30.50
Gives the purpose of drop hammer forming. Tells how to operate the pneumatic hammer, set up the punch and die, handle a production run on a single-hit job, and use draw rings on a deep-draw job.
From the *AIRCRAFT WORK* series. Forming Sheet Metal No. 5

FORMING WITH RUBBER ON THE HYDRAULIC PRESS
11 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 133
Title No 339450 *Rental* $5.00 Sale $19.25
Shows how sheet metal parts are formed with rubber on a hydraulic press, how to set up the work and how to operate the press.
From the *AIRCRAFT WORK* series. Forming Sheet Metal

FORTY-ONE FOR FREEDOM - A FLEET IS BUILT
28 min, 16mm film, optical sd, col 1968
Producer USN *Agency No* MN10703
Title No 340010 *Sale*: W/DRAWN
Shows the completion of forty-one authorized fleet ballistic missile submarines, armed with Polaris. Depicts the building of a Polaris submarine from keel laying to patrol, the complexities of the equipment, and includes an interview with Admiral Levering Smith, USN, Director of Special Projects. Narrated by Ed Reimers.

FOUNDATION FOR GROWTH
27 min, 16mm film, optical sd, col 1970
Producer USBEH
Title No 340511 *Rental* $12.50 Sale $109.50
Emphasizes the need for early intervention in training of the mentally retarded, and features mostly pre-school activities, but with demonstration of progressive training activities that may have a beginning in pre-school. Filmed in Scandanavia and England.

FOUNDATIONS AND CONCRETE
26 min, 16mm film, optical sd, b&w 1950
Producer USN *Agency No* MN06719A
Title No 340450 *Sale* $45.50
Presents a brif overview of building foundations, usually made of concrete, and mentions variables which determine type of foundation to be used.

FOUR CHILDREN
20 min, 16mm film, optical sd, b&w
Producer USOEO *Agency No* 340725
Title No 340725 *Sale* $29.00
Shows four Head Start children, so alike as human beings, so different as people. An intimate look at the children and the homes that influence them.

FOUR DAYS OF GEMINI 4, THE
28 min, 16mm film, optical sd, col 1965
Producer USNASA *Agency No* HQA 134
Title No 340750 *Sale* $115.50
Depicts the Gemini 4 mission of Astronauts James Mcdivitt and Edward White. Includes pre-launch and launch activities. Sound track includes narration and actual voice communications by the astronauts. Shows details of the Gemini space suit and "space gun".

FOUR ELEMENTS, THE
13 min, 16mm film, optical sd, col 1966
Producer USIA *Agency No* 01-02635
Title No 340755 *Rental*: W/DRAWN Sale: W/DRAWN
Deals with the conversion of the traditional elements of Earth, air, fire and water into manufactured goods. Includes a hydro-electric dam power station in Nevada, an automated coal mine in Virginia, coke and steel furnaces in Pennsylvania, oil fields in Texas, an oil refinery in California, and a plant in Alabama where chemicals and elements are combined to make fabric.

FOURTH GRADE VOCABULARY
13 min, 16mm film, optical sd, b&w 1966
Producer USOE *Agency No* OE 507
Title No 341400 *Rental* $7.50 Sale $23.75
Depicts stimulate teacher discussion of the various uses of programmed instruction in the teaching of fourth grade vocabulary.
From the *PROGRAMMED INSTRUCTION - THE TEACHER'S ROLE Series*.

FOURTH GRADE VOCABULARY (SPANISH)
13 min, 16mm film, optical sd, b&w 1966
Producer USOE *Agency No* OE 507
Title No 001709 *Rental* $7.50 Sale $23.75
Depicts stimulate teacher discussion of the various uses of programmed instruction in the teaching of fourth grade vocabulary.

From the *PROGRAMMED INSTRUCTION - THE TEACHER'S ROLE* Series.

FRACTURES ABOUT THE ELBOW
30 min, 16mm film, optical sd, col 1954
Producer USVA
Title No. 341560 *Sale* $101.00
Discusses the functional anatomy of the elbow joint and illustrates the displacing pulls of the muscle groups as they affect different fractures. Describes the mechanism of typical elbow injuries, such as fractures of the supracondylar, intercondylar, olecranon and head of the radius, and demonstrates various types of management, including manipulation, traction, and open reduction.

FRACTURES ABOUT THE KNEE
24 min, 16mm film, optical sd, col 1956
Producer USVA
Title No. 341561 *Sale* $81.50
Explains the anatomy of the knee joint and its surrounding structures as they affect and are affected by fractures in the area. Shows management of fractures of the patella, intercondylar fractures of the femur, and fractures of the tibial plateau.

FRACTURES ABOUT THE WRIST AND HAND
30 min, 16mm film, optical sd, col 1955
Producer USVA
Title No. 341562 *Sale* $101.00
Discusses the functional anatomy of the wrist and hand, particularly as it relates to fractures in that area. Describes the mechanisms of typical injuries, including fractures of the phalanges, metacarpals, carpal navicular, lunate, and colles' fracture. Demonstrates treatment by manipulation, traction, and immobilization, with emphasis on the basic principles of fracture reduction. Includes a section on the aftercare of wrist and hand fractures.

FRACTURES AND SPLINTING
28 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No.* M-0801
Title No. 341564 *Sale* $93.00
Teaches the individual how to take care of his medical and health needs in time of disaster when medical assistance might not be readily available.
From the *MEDICAL SELF-HELP* series.
REQUEST WRITTEN PERMISSION FROM THE CHIEF OF TRAINING, DIVISION OF EMERGENCY HEALTH SERVICES, HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION, U S DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, 6525 BELCREST ROAD, WEST HYATTSVILLE, MARYLAND 20782. AFTER PERMISSION HAS BEEN OBTAINED, ATTACH TO THE PURCHASE ORDER A STATEMENT OF APPROVAL AND SEND TO N A C.

FRACTURES OF THE FEMUR ABOUT THE HIP JOINT
21 min, 16mm film, optical sd, col 1955
Producer USVA
Title No. 001710 *Sale* $71.50
Discusses the anatomy of the region about the hip, with special reference to the displacing pulls of muscles as they affect various fractures, and the blood supply to the head and neck of the femur. Includes fractures of the neck of the femur and intertrochanteric fractures. Shows methods of internal fixation and discusses the problems of maintenance of reduction by internal fixation as opposed to traction, particularly with reference to the elderly patient.

FRACTURES OF THE HEAD AND SHAFT OF THE HUMERUS
26 min, 16mm film, optical sd, col 1956
Producer USVA
Title No. 341576 *Sale* $88.00
Discusses the functional anatomy of the shoulder and illustrates the displacing pulls of the muscle group as they affect different fractures. The mechanism of typical humerus fractures, such as those of the surgical neck and shaft, are described and various types of management including manipulation, traction and open reduction are demonstrated.

FRACTURES OF THE LEG AND ANKLE JOINT
26 min, 16mm film, optical sd, col 1955
Producer USVA
Title No. 341577 *Sale* $88.00
Discusses the anatomical structures of the leg and ankle and how they function in relation to fractures, the displacing pulls of the muscles and dangers to the nerve and blood supply, management of fractures of the tibia and the malleoli. Explains the various methods of reduction, including the use of manipulation, traction and internal fixation from the viewpoint of the principles underlying that treatment. Emphasizes the importance of aftercare.

FRACTURES OF THE SHAFT OF THE FEMUR
21 min, 16mm film, optical sd, col 1956
Producer USVA
Title No. 341578 *Sale* $71.50
Discusses the various means of overcoming the displacements caused by muscles. Demonstrates treatment for fractures of the upper, middle, and lower portions of the shaft. Also explains with illustrations the principles of suspension traction and open reduction.

FRACTURES OF THE SHAFT OF THE RADIUS AND ULNA
29 min, 16mm film, optical sd, col 1956
Producer USVA
Title No. 341579 *Sale* $97.75
Discusses the displacing pulls of the forearm muscles and the effect of various fractures on the blood vessels and nerves in the area. Describes typical forearm injuries, including fractures of both bones, fractures of the shaft of the radius and fracture of ulna with anterior dislocation of the head of the radius. Methods of treatment are shown, and the problems of maintenance of reduction by traction as well as internal fixation are discussed.

FRACTURES, DISLOCATIONS, AND SPRAINS
40 min, 16mm film, optical sd, b&w 1966
Producer USNMAC *Agency No.* T-1847-X
Title No. 341566 *Sale* $80.25
Emphasizes prompt deagnosis and definitive treatment of musclo-skeletal injury. presents methods of diagnosis and management of common injuries.

FRAMING - FLOOR JOISTS AND WALLS
25 min, 16mm film, optical sd, b&w 1950
Producer USN *Agency No.* MN06719B
Title No. 341750 *Sale* $43.75
Illustrates procedures for constructing walls, floors, doors, and windows of a two-story building.

FRAMING - HIP AND VALLEY RAFTERS
25 min, 16mm film, optical sd, b&w 1950
Producer USN *Agency No.* MN06719D
Title No. 341753 *Sale* $43.75
Shows how to cut, measure, and fit hip and valley rafters, and compares them with regular type rafters.

FRAMING - RAFTER PRINCIPLES AND COMMON RAFTERS
15 min, 16mm film, optical sd, b&w 1950
Producer USN *Agency No.* MN06719C
Title No. 341758 *Sale* $27.00
Illustrates laying out and cutting of rafters.

FREE OSSEOUS TISSUE AUTOGRAFT TO ELIMINATE AN INFRABONY POCKET
16 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No.* D-26-PE
Title No. 342650 *Sale* $56.00
An infrabony periodontal defect. Shows how this surgical procedure is performed after tooth movement had been accomplished and the teeth had been stabilized with a wire ligiture splint.

FREEDOM AND YOU
53 min, 16mm film, optical sd, b&w 1962
Producer USDOD *Agency No.* AFIF 0120
Title No. 343662 *Sale* $92.50
Describes a nightmarish dream about life under communism which awakens the husband to the fact that his democratic responsibilities are a pleasure.

FREEDOM OF THE PRESS
17 min, 16mm film, optical sd, b&w 1950
Producer USA
Title No. 343850 *Sale* $36.75
Presents a portrayal of Peter Zenger's trial, showing the responsibilities of a free press and the results of 'free' as opposed to 'controlled' press. Shows various newspaper processes.

FREEDOM TO LEARN
28 min, 16mm film, optical sd, b&w 1949
Producer USOWIO
Title No. 344050 *Sale* $58.50
Pictures facilities and activities of the State university of Iowa, such as student newspaper, radio station and hospital. Shows how, in both scholastic and social activities, the environment helps individual development in accordance with democratic processes.

FREEDOM 7
29 min, 16mm film, optical sd, col 1961
Producer USNASA *Agency No.* HQA 051
Title No. 344200 *Sale* $117.25
Shows Astronaut Alan B. Shephard's sub-orbital launch. Describes part of his training, his activities during the last few days before launch, his recovery and reception aboard the rescuing aircraft carrier.

***FRENCH - BASIC COURSE, UNITS 1-12**
21 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 008891 *Sale* $68.25
Cassettes and accompanying test are both available for $71.25.
OTHER FORMAT(S) or VERSION(S)
39 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 008890 *Sale* $108.50
Tape set and accompanying text are both available for $111.50.

***FRENCH - BASIC COURSE, UNITS 13-24**
26 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 008893 *Sale* $84.50
Cassettes and accompanying tect are both available for $87.50.
OTHER FORMAT(S) or VERSION(S)
46 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 008892 *Sale* $128.25
Tape set and accompanying text are both available for $128.25.

FREQUENCY MODULATION, PT 1, BASIC PRINCIPLES
26 min, 16mm film, optical sd, b&w 1964
Producer USA *Agency No.* TF11-3482
Title No. 001711 *Sale* $45.50
Explains the basic principles of FM radio communication using animation and block diagrams.

FREQUENCY SPECTRUM
16 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-204A
Title No. 345704 *Sale* $53.50
Shows the light spectrum through a prism to explain 'frequency spectrum.' Discusses frequency, wavelength, and period as an introduction to representing the 'frequency spectrum.' Gives the band of frequencies from audio, through radio (including VHF and UHF), to microwave. (Kinescope)
OTHER FORMAT(S) or VERSION(S)
30 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-204C
Title No. 345703 *Sale:* W/DRAWN

FREQUENCY SPECTRUM - WAVELENGTHS AND FREQUENCY
26 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-204B
Title No. 345705 *Sale:* W/DRAWN
Discusses velocity in terms of miles-per-hour as a basis for understanding the speed of light and radio waves. Explains the terms 'wavelength' and 'period,' and gives the formula for wavelength. Shows some examples of problems involving frequency and wavelength. (Kinescope)

FRESHER THE BETTER, THE
14 min, 16mm film, optical sd, col 1966
Producer USAEC
Title No. 001712 *Sale* $56.00
Uses animation to introduce the concept of radiation preservation of food, and to explain the process and its results. Describes the preservation of fresh seafoods by radiation pasteurization and shows actual research being performed and products being processed by the Marine Products Development Irradiator.

***FRIENDLY WATERS**
7 min, 16mm film, optical sd, col 1958
Producer USDA *Agency No.* 1382
Title No. 003950 *Sale* $38.00
Tells the story of the floods that occurred in the Southwest in the spring of 1957. Shows the land treatment and floodwater-retarding dams operate to prevent flood damages within a watershed.

FRIENDSHIP 7
53 min, 16mm film, optical sd, col 1962
Producer USNASA *Agency No.* HQA 059
Title No. 346650 *Sale* $240.00
Shows Astronaut John H. Glenn's first American orbital space flight. Documents Project Mercury, including a close look at tracking stations around the world.

***FROM THE GROUND UP**
13 min, 16mm film, optical sd, col 1955
Producer USIAA
Title No. 348520 *Rental:* W/DRAWN Sale: W/DRAWN
Shows the work of soil surveyor in studying and mapping farm soils. Explains importance of productive soil to populations of the world. Shows a soil conservationist using the information gained on a survey to help a farmer develop his conservation farm plan.

FROM THE GROUND UP
27 min, 16mm film, optical sd, col 1969
Producer USFAA *Agency No.* FA-0903
Title No. 006423 *Sale* $109.50
Describes the role of the FAA airway facilities technician. Tells the story of the contributions made in maintaining the electronic and lighting aids that guide pilots safely to their destinations.

***FROM THE RIDGE TO THE RIVER**
26 min, 16mm film, optical sd, col 1955
Producer USDA *Agency No.* 1225
Title No. 348530 *Sale* $111.00
Shows the land treatment and work on watercourses, and how they are integrated to provide a watershed protection program as security against floods.

***FROM WHERE I SIT**
27 min, 16mm film, optical sd, b&w 1968
Producer USDS
Title No. 003360 *Sale* $41.00
Examines increased trade with Communist countries and Soviet-South American-U S coastal fishing rights through on-the-spot interviews with representatives of foreign countries, fishermen, longshoremen, and businessmen who all have a stake in the ultimate solution.

FRONT LINE OF THE BATTLE
15 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1070
Title No. 348847 *Sale* $51.75
Shows correct procedures of hand spraying and power spraying in residential and business areas for eradicating Aedes Aegypti and other containerbreeding mosquitoes.

FRONTIERS OF TRADE
7 min, 16mm film, optical sd, col 1962
Producer USA *Agency No.* MF11-9629
Title No. 349300 *O/PRINT*
Explains the importance of international trade, to the United States and other participating countries of the free world, for better living standards and national progress.
CLEARED FOR TV.

FUEL ELEMENT BURNING EXPERIMENT
14 min, 16mm film, optical sd, col 1959
Producer USAEC
Title No. 000614 *Sale:* W/DRAWN
Describes an experiment at the National Reactor Testing Station, Idaho, in which aircraft reactor fuel elements, together with other materials, were melted in a simulated aircraft crash. Explains that the experiment consisted of two phases-phase a used jet fuel as the combustible and phase B used thermite to produce high temperature to assure melting, pointing out that in phase a melting did not occur and no radioactivity was released, and that in phase B, melting did occur, with the release of a small amount of activity (10,000 curies of fission products) in the National Reactor Testing Station out to a distance of 1/2 mile.

FUEL PUMP DISASSEMBLY
15 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN02364P
Title No. 348660 *Sale* $27.00
Describes how to disconnect linkage, remove cover plate, disconnect all lines, remove fuel pump and disassemble at work bench and remove all parts from pump housing.

FUEL PUMP RECONDITIONING AND REASSEMBLY
23 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN02364Q
Title No. 349665 *Sale* $40.50
Describes how to recondition and reassemble parts of a fuel pump system.

***FULA - BASIC COURSE**
29 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004057 *Sale* $94.25
Cassettes and accompanying text are both available for $97.00.
OTHER FORMAT(S) or VERSION(S)
29 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004058 *Sale* $81.00
Tape set and accompanying text are both available for $83.75.

FULL BLADE
14 min, 16mm film, optical sd, col
Producer USMC *Agency No.* MH-10278B
Title No. 3[illegible]763 *Sale* $48.50
Shows c[illegible] action program being carried out by the Marine Corps [illegible] Vietnam. Depicts Vietnamese farmers harvesting a rice crop for the first time in many years, guarded by Marines who had cleared the area of Viet Cong. Describes food distributions and medical assistance given to the Vietnamese.

FULL-WAVE MAGNETIC AMPLIFIER
40 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-702
Title No. 349775 *Sale* $82.25
Explains the purpose of each part of the full-wave magnetic amplifier. Shows a simplified circuit and how a small change in DC bias can control a larger AC input. With the help of hysteresis loops, shows how the output of the circuit is developed with three different amounts of DC control bias. Shows a review of the material covered. (Kinescope)

FULL-WAVE RECTIFIERS - VACUUM TUBE
32 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-403
Title No. 349777 *Sale* $66.50
Shows construction of a full-wave rectifier from a half-wave rectifier, the schematic of a full-wave rectifier, labels each component, traces the current through the circuit, and draws the output waveshape. Demonstrates how to calculate the peak, effective, average, and inverse peak voltages for a full-wave rectifier. Determines the ripple frequency from the input frequency. (Kinescope)

FUNCTIONAL TEACHING IN ELECTRICITY AND ELECTRONICS
15 min, 16mm film, optical sd, b&w 1953
Producer USN *Agency No.* MN08050
Title No. 350475 *Sale* $28.50
Shows Navy instructors how to use such teaching procedures as trainee preparation, lecture, discussion, demonstration, experimentation, and review, illustrates the use of training aids.

FUNDAMENTAL LINES AND SECTIONS
22 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN02334A
Title No. 000616 *Sale* $38.50
Explains the meaning and purpose of various lines, the division of a ship's structure, and the names and symbols for different parts.

FUNDAMENTALS OF BALLISTICS
19 min, 16mm film, optical sd, b&w 1949
Producer USA *Agency No.* TF09-1512
Title No. 351133 *O/PRINT*
Describes interior ballistics, type and characteristics of various powder grains, exterior ballistics, effects of resistance and gravity, trajectory, methods of overcoming problems involved, terminal ballistics, types of fuzes and explosives,--and types of projectiles including penetration, blast and fragmentation.

FUNDAMENTALS OF CARRIER TELEPHONY, PT 1 OPERATION OF A CARRIER SYSTEM
12 min, 16mm film, optical sd, b&w 1959
Producer USA *Agency No.* TF11-2805
Title No. 001713 *Sale* $22.25
Describes the features, operation and advantages of the Telephone Carrier System used in today's Army -shows how the Telephone Carrier System provides for operation of several telephone or teletype channels over a single spiral four cable. Explains how different frequency bands are used in transmitting more than one voice over the transmission line at the same time.

FUNDAMENTALS OF CARRIER TELEPHONY, PT 2, TERMINALS AND REPEATERS
19 min, 16mm film, optical sd, b&w 1959
Producer USA *Agency No.* TF11-2806
Title No. 351136 *Sale* $33.75
Describes the features and function of carrier terminals and repeaters. Discusses carrrier terminals, explains the fundamental electronic circuits employed by carrier terminal equipment, and shows how voice frequencies converted to electrical frequencies travel along the line of transmission.

FUNDAMENTALS OF CLINICAL ENZYMOLOGY
38 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No.* T-1681
Title No. 351138 *Sale* $78.50
Reviews all the components of an enzyme assay, kinetics with emphasis on zero order reactions, and pitfalls as well as details of procedure. From viewing this tape, the student should have a good grasp and comprehensive understanding of enzyme assays, but particularly lactate dehydrogenase (LDH). (Kinescope)

FUNDAMENTALS OF END CUTTING TOOLS
12 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No.* OE 043
Title No. 351350 *Rental* $7.50 Sale $22.25
Discusses radius, threading, sheer-cut finishing, round-nosed finishing, side-facing tools, the correct setting of the tools and the type of cut each makes.
From the *MACHINE SHOP WORK* series. Single Point Cutting TOols, No. 2

FUNDAMENTALS OF END CUTTING TOOLS (SPANISH)
12 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No.* OE 043
Title No. 001714 *Rental* $7.50 Sale $22.25
Discusses radius, threading, sheer-cut finishing, round-nosed finishing, side-facing tools, the correct setting of the tools and the type of cut each makes.
From the *MACHINE SHOP WORK* series. Single Point Cutting TOols, No. 2

FUNDAMENTALS OF FILING
12 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No.* OE 041
Title No. 351400 *Rental* $7.50 Sale $22.25
Demonstrates how to select, handle and care for files.

FUNDAMENTALS OF MASSAGE
12 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 414
Title No. 351450 *Sale* $26.75
Describes techniques of fundamental massage movements--deep stroking kneading, and friction. Gives principal physiological effects of these massage movements upon the human organism.
From the *NURSING* series.

FUNDAMENTALS OF MECHANICAL VIBRATION
29 min, 16mm film, optical sd, col 1964
Producer USAEC
Title No. 001715 *Sale* $91.50
Discusses the system of mechanical vibration-including, spring mass, viscous coulomb, and solid damped systems. Uses animation and live demonstrations to illustrate various types of damping. Presents animated mathematical examples by fourier to demonstrate irregular forcing functions and their effects on engineering structures. Discusses a mathematical approach to solving composite displacement vibration problems.

FUNDAMENTALS OF RADIAC INSTRUMENTS
25 min, 16mm film, optical sd, b&w 1945
Producer USA *Agency No.* TF11-2234
Title No. 351490 *Sale* $52.50
Describes basic atomic theory, characteristics and uses of accumulation and intensity devices, and emphasizes accurate calibration for efficient operation.
CLEARED FOR TV.

FUNDAMENTALS OF RADIOACTIVITY
59 min, 16mm film, optical sd, b&w 1952
Producer USA *Agency No.* PMF 5145A
Title No. 001716 *Sale* $102.00
Explains basic concepts in the field of nuclear physics necessary to an understanding of radioisotopes. Describes in detail the origins of nuclear radiation and the chain reaction of uranium as a means of producing radioisotopes.

FUNDAMENTALS OF SIDE CUTTING TOOLS
11 min, 16mm film, optical sd, b&w 1946
Producer USOE *Agency No.* OE 042
Title No. 351650 *Rental* $5.00 Sale $19.25
Shows how side cutting tools are shaped, how they cut, and how generated heat is dissipated.
From the *MACHINE SHOP WORK* series. Single Point Cutting tools, No. 1

FUNDAMENTALS OF SIDE CUTTING TOOLS (SPANISH)
11 min, 16mm film, optical sd, b&w 1946
Producer USOE *Agency No.* OE 042
Title No. 001718 *Rental* $5.00 Sale $19.25
Shows how side cutting tools are shaped, how they cut, and how generated heat is dissipated.
From the *MACHINE SHOP WORK* series. Single Point Cutting tools, No. 1

FUNDAMENTALS OF STAIR LAYOUT
11 min, 16mm film, optical sd, b&w 1950
Producer USN *Agency No.* MN06719F
Title No. 351700 *Sale* $19.25
Covers the measuring, fitting, and installing of stairways.

*** FUNGI SNARE AND DESTROY NEMATODES (REV ED)**
4 min, 16mm film, optical sd, b&w 1940
Producer USDA *Agency No.* 656
Title No. 004541 *Sale:* W/DRAWN
Demonstrates under the microscope how certain fungi catch and devour nematodes. Explanatory lecture on the complicated process by which organic matter is broken down to enrich the soil.

FURY IN THE PACIFIC
20 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No.* MN09045
Title No. 352800 *Sale* $35.25
Documents the invasion of the Palau Islands in 1944.

FUSION RESEARCH
22 min, 16mm film, optical sd, col 1964
Producer USAEC
Title No. 001717 *Sale* $74.75
Discusses the nature of thermonuclear research through studies of plasma production and confinement. Gives a qualitative description on the obstacles to investigative success such as plasma oscillations and plasma and energy losses. Describes plasma measurements and research devices in plasma studies.

G FACTS
23 min, 16mm film, optical sd, col 1954
Producer USAF *Agency No.* TF1-4964
Title No. 001719 *Sale* $78.25
Explains the basic principles of gravitational pull. Describes positive G, negative G, and transverse G. Discusses the purposes and uses of different types of anti-G suits.

GAGE BLOCKS AND ACCESSORIES
23 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 246
Title No. 353250 *Rental* $10.00 Sale $40.50
Tells why accessories are used with gage blocks, how to inspect a plug gage, an adjustable snap gage, a profile gage, a ring gage and a screw-thread pitch and how to build a height gage and scriber.
From the *MACHINE SHOP WORK* series. Precision Measurement, No. 8

GAIL'S AWAKENING
11 min, 16mm film, optical sd, col 1969
Producer USVA *Agency No.* D-79-ED
Title No. 353200 *Sale* $38.25
The importance of maintaining oral hygiene is described. Time lapse photography uses to show the activity of oral bacteria and their relationship to the development of caries.

GAIT TRAINING OF THE PARAPLEGIC
8 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1406
Title No. 353225 *Sale* $26.00
Teaches the patient the drag-to , the swing-to, and the swing-through gaits in the parallel bars. The trunk, hand, head, and foot positioning are noted in each gait sequence, as well as the proper spotting techniques. The purpose and use of each of these gaits is mentioned. Axillary crutch measurement is also demonstrated.

GAP, THE
27 min, 16mm film, optical sd, col 1969
Producer USSRS
Title No. 354160 *Sale* $109.50
Depicts problems remaining in the delivery of welfare and rehabilitation services. Shows successful approaches to the problem.

GAS TUBES
26 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-429
Title No. 354550 *Sale* $54.75
Defines and compares 'hard' and 'soft' tubes. Shows the drawing of the schematic symbol of a gas diode and triode (thyratron) tube. Describes the construction of the thyratron grid, and states the effect it has in controlling plate current. Shows the schematic symbol of a neon glow tube, a VR

* INDICATES NEW ENTRY

(voltage regulator) tube, interprets the designation of a VR tube, and an analysis of a VR tube based on its characteristic curve. (Kinescope)

*__GENERA OF NORTH AMERICAN TICKS__
4 min, 35mm filmstrip, 1/4 in. audiotape, col 1953
Producer USNMAC *Agency No.* F-139
Title No. 002094 *Sale* $10.00
Shows representative species of the genera of North American ticks and their morpholigical characteristics.

*__GENERAL AVIATION - FACT OR FICTION__
15 min, 16mm film, optical sd, col 1973
Producer USFAA *Agency No.* FA-01-73
Title No. 003123 *Sale* $70.25
Examines general aviation's significant contributions to the American economy and examines its role as a flexible and facile mode of travel serving a multitude of purposes and pleasures.

GENERAL MOTORS DIESEL ENGINE UNIT INJECTORS-- DISASSEMBLY AND REASSEMBLY, MODEL 278
18 min, 16mm film, optical sd, b&w 1949
Producer USN *Agency No.* MN 2769B
Title No. 001720 *Sale* $32.00
Shows how to disassemble and reassemble General Motors diesel engine unit injector model 278.

GENERAL MOTORS DIESEL ENGINE UNIT INJECTORS-- MAINTENANCE
18 min, 16mm film, optical sd, b&w 1948
Producer USN *Agency No.* MN 2769A
Title No. 001721 *Sale* $32.00
Shows to disassemble, handle, clean, and inspect the diesel engine unit injector.

*__GENERAL SPEECH PATTERNS- 1__
9 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No.* D-101
Title No. 003397 *Sale* $19.75
Provides a framework for making a learning situation for language or speech or both out of every communication between pupil and adult.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF* Series. The General Language

*__GENERAL SPEECH PATTERNS- 2__
9 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No.* D-102
Title No. 003398 *Sale* $29.50
Presents five steps a teacher can use in understanding what a pupil has said.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. the General Language*

*__GENERALIZATION OF INFORMATION__
3 min, s8mm cartridge, optical sd, col
Producer USBEH
Title No. 003399 *Sale* $22.00
Sold only in a cartridge with developing imagination. Presents short insights into home and school education of the profound hearing impaired.

GENTLE HAND, THE
28 min, 16mm film, optical sd, col 1968
Producer USN *Agency No.* MN10388
Title No. 356440 *Sale* $94.50
Tells the story of American Navy surgeons giving medical aid and instructions to South Vietnamese patriots in the picturesque village of Rach Gia, Republic of Vietnam.

*__GEOLOGY FROM SPACE__
24 fr, 35mm filmstrip, 1/4 in. audiotape, col 1967
Producer USNASA
Title No. 002096 *Sale* $10.00
Using photographs of the Earth taken by Gemini astronauts, shows various geological features around the world and emphasizes how space photography can aid future geological study.

*__GERMAN - A PROGRAMMED INTRODUCTION__
22 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004063 *Sale* $71.50
Cassettes and accompanying text are both available for $76.00.
OTHER FORMAT(S) or VERSION(S)
22 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004064 *Sale* $61.75
Tape set and accompanying text are both available for $66.25.

*__GERMAN - BASIC COURSE, UNITS 1-12__
25 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004059 *Sale* $81.25
Cassettes and accompanying text are both available for $84.25.
OTHER FORMAT(S) or VERSION(S)
43 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004060 *Sale* $119.75
Tape set and accompanying text are both available for $122.75.

*__GERMAN - BASIC COURSE, UNITS 13-24__
25 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004061 *Sale* $81.25
Cassettes and accompanying text are both available for $83.00.
OTHER FORMAT(S) or VERSION(S)
42 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004062 *Sale* $117.00
Tape set and accompanying text are both available for $118.75.

GERMFREE ANIMALS IN MEDICAL RESEARCH
19 min, 16mm film, optical sd, col 1960
Producer USNMAC *Agency No.* M-430
Title No. 001722 *Sale* $65.00
Shows the kind of equipment necessary to carry on germfree investigations. Discusses serological studies which use germfree animals inoculated with a single known species of bacterium, and which investigate the behavior of viruses in the absence of bacteria.

*__GET IT ALL TOGETHER__
30 min, 16mm film, optical sd, col 1973
Producer USSRS
Title No. 002097 *Sale* $113.50
Examines the two different settings of the John F Kennedy School and Community Center in Atlanta, which serve a large inner city Black population - and the Services Access System in Peoria, Ill., Which serves both urban and rural clients in a three county area. Focuses on two individuals to show how coordinated agency arrangements can help the individual and his family reach the goal of self-sufficiency.

GETTING THROUGH
21 min, 16mm film, optical sd, b&w
Producer USNMAC *Agency No.* M1520-X
Title No. 360075 *Sale* $37.00
Poses some troublesome questions about cigarette smoking--why young people start smoking and what factors are responsible for their decision. Scenes are shown from the 'smoky world' which surrounds teenagers today, and smoking is explored as a complex paradox of our society. Features Burt Lancaster.

*__GIANT LICHENIFICATION__
4 min, 16mm film, optical sd, col 1962
Producer ILDS *Agency No.* AFIP-72
Title No. 004536 *Sale:* W/DRAWN

GINGIVAL AUTOGRAFT IN PERIODONTICS, THE
14 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No.* D-27-PE
Title No. 001723 *Sale* $49.50
Shows how a gingival autograft is used to correct a periodontal pocket which extends to the muco-gingival junction. Emphasizes that insufficient attached gingiva is present. A pedical flap cannot be used because of insufficient gingiva adjacent to the involved tooth.

GINGIVAL RETRACTION CLASS V
5 min, 16mm film, optical sd, col 1967
Producer USVA *Agency No.* D-003
Title No. 361490 *Sale* $23.50
A single concept film. For a descriptive statement, see the series title.
From the *OPERATIVE DENTISTRY - ADVANCED CONCEPTS Series.*

GINGIVECTOMY PROCEDURE TO ELIMINATE SUPRABONY POCKETS
14 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No.* D-21-PE
Title No. 001724 *Sale* $49.50
Shows how a gingivectomy is performed for the elimination of suprabony pockets. These are the periodontal type and involve the maxillary teeth. The rationale of this treatment is examined. Technical procedures are presented and the use of selected instruments is shown. Postoperative results are also discussed in this film.

***GLASS WALL, THE**
29 min, 16mm film, optical sd, col 1969
Producer USSRS
Title No. 362751 *Rental* $12.50 Sale $175.00
Describes Nanette Fabray's life as a deaf person before an operation enabled her to hear. Actor William Gargan, who lost his voice because of cancer, demonstrates esophageal speech.
From the *TO LIVE AGAIN* series.

GLAUCOMA FOR ALL PHYSICIANS
27 min, 16mm film, optical sd, b&w 1966
Producer USNMAC *Agency No.* T-1851-X
Title No. 362880 *Sale* $55.50
Shows glaucoma as the chief cause of blindness in this country, other than injuries. Estimates that about one million individuals over forty have this disease, many of whom are unaware that their intraocular pressures are elevated. Edwin B Dunphy, md, lectures. (Kinescope)

GLUCOSE METHOD - AUTO ANALYZER
17 min, 16mm film, optical sd, col
Producer USNMAC *Agency No.* M-1268
Title No. 001725 *Sale* $60.00
Presents the ferricyanide-ferrocyanide determination for glucose as applied to the auto-analyzer system by Technicon, Inc.

GLUCOSE METHOD - GLUCOSE OXIDASE, PT 1, PROCEDURES
18 min, 16mm film, optical sd, col 1967
Producer USNMAC *Agency No.* M-1235
Title No. 001726 *Sale* $61.75
Presents the incorporation of semi-automated equipment for the preparation of the protein-free filtrate and the execution of the color reaction step. Several combinations of pieces of equipment applicable to the various steps in the procedure are suggested as a means of acquiring simplicity and reproducibility or results.

GLUCOSE METHOD - GLUCOSE OXIDASE, PT 2, PREPARATION OF REAGENTS AND PRIMARY STANDARDS
18 min, 16mm film, optical sd, col 1967
Producer USNMAC *Agency No.* M-1237
Title No. 001727 *Sale* $60.00
Presents a procedure for preparation of all reagents suggested to insure better quality control of the glucose oxidase method.

GLUCOSE METHOD - NELSON SOMOGYI, PT 1, PREPARATION OF PROTEIN-FREE FILTRATE
15 min, 16mm film, optical sd, col 1967
Producer USNMAC *Agency No.* M-1231
Title No. 001728 *Sale* $50.00
Presents the procedure for preparation of protein-free filtrate utilizing manual pipettes or various combinations of a Seligson pipette and an automatic diluting machine as a means of reducing variability in this step of the procedure.

GLUCOSE METHOD - NELSON SOMOGYI, PT 2, COLOR REACTION
9 min, 16mm film, optical sd, col 1967
Producer USNMAC *Agency No.* M-1232
Title No. 001729 *Sale* $29.25
Presents the second part of the Nelson Somogyi method which demonstrates the technique involved in subjecting a large number of samples to the color reaction with emphasis on the use of automatic measuring devices for greater reproductibility of the method.

GLUCOSE METHOD - NELSON SOMOGYI, PT 3, PREPARATION OF REAGENTS AND PRIMARY STANDARDS
13 min, 16mm film, optical sd, col 1967
Producer USNMAC *Agency No.* M-1233
Title No. 001730 *Sale* $43.75
Demonstrates a technique which insures greater stability and a minimum of effort in the preparation of reagents.

GLUCOSE METHOD - ORTHO-TOLUIDINE
15 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1269
Title No. 001731 *Sale* $50.00
Demonstrates with the use of semi-automatic measuring devices, the technique for carrying out this relatively simple and rapid procedure. Shows how large numbers of samples can be handled with ease.

GOLDEN GATE, THE
11 min, 16mm film, optical sd, col 1967
Producer USIA *Agency No.* 01-11411
Title No. 364770 *Rental:* W/DRAWN Sale: W/DRAWN
Presents a look at one of America's most charming cities by following the casual wanderings of a bemused tourist from Thailand. Portrays the winding streets, profusion of flowers, exotic shops, cable cars, easy-going inhabitants and, in general, the pervasive sense of well-being in San Francisco.

***GOOD NEIGHBOR FAMILY**
17 min, 16mm film, optical sd, b&w 1943
Producer USCIAA
Title No. 001732 *Rental* $10.00
Depicts the life of various groups and class in Latin America. Shows social and religious customs, and differences between North and South American cultures.

GOOD PLACE TO START, A
28 min, 16mm film, optical sd, col 1970
Producer USCSC
Title No. 366050 *Sale* $117.25
Shows that the Federal government offers excellent career opportunities for high school and college graduates. Emphasizes the importance of the high school diploma.
CLEARED FOR TV.

GOODBYE MRS PILGRIM
39 min, 16mm film, optical sd, b&w 1970
Producer USIA
Title No. 366480 *Rental:* W/DRAWN Sale: W/DRAWN
Documents the story of Lavalle, ST Louis, where Union Local 688 undertook a community wide rehabilitation job. Shows warm cooperation between people in order to mend areas of social damage.

GRAND CENTRAL MARKET
10 min, 16mm film, optical sd, b&w 1963
Producer USIA *Agency No.* 01-02608
Title No. 368180 *Rental:* W/DRAWN Sale: W/DRAWN
Portrays, without narration or dialogue, activity in a Los Angeles, California, food store, Grand Central Market. Vendors,

* INDICATES NEW ENTRY

representing the melting pot that is America, are shown displaying and selling their wares to people of all ages and all walks of life.

GRAND ROUNDS
45 min, 16mm film, optical sd, b&w 1968
Producer USNMAC *Agency No.* T-1873-X
Title No. 368200 *Sale* $92.00

***GRANULOMATOUS DERMO-HYPODERMITIS WITH PROGRESSIVE ATROPHY**
10 min, 16mm film, optical sd, col
Producer IDCE
Title No. 004537 *Sale:* W/DRAWN

***GRASS - THE BIG STORY**
29 min, 16mm film, optical sd, col 1953
Producer USDA *Agency No.* 1144
Title No. 368997 *Sale* $106.00
Tells the story of grass, a crop that is indispensable for the production of beef and milk for an ever increasing population, for the improvement of the soil for growing other crops and for the termination of soil erosion, land waste and floods.

***GREAT EXPECTATIONS**
29 min, 16mm film, optical sd, col 1967
Producer USSRS
Title No. 370599 *Rental* $12.50 Sale $175.00
Presents Bernard Posner, of the President's Committee on Employment of the Handicapped, telling people treated him when he posed as a mentally retarded laundry worker. A college student describes her experiences as a summer volunteer teaching retarded children.
From the *TO LIVE AGAIN* series.

GREAT IS THE HOUSE OF THE SUN
21 min, 16mm film, optical sd, col 1968
Producer USNASA *Agency No.* HQ144
Title No. 001733 *Sale* $85.75
Shows the study effects of the airglow phenomena and solar radiation in space, while other scientists prepare experiments to be flown aboard space satellites to study ultra-violet radiation.

***GREATER ADVENTURE, THE**
30 min, 16mm film, optical sd, col 1970
Producer USAF *Agency No.* TF 6374
Title No. 372204 *Sale* $105.50
Shows right and wrong driving techniques by pointing out individual responsibilities. Compares hot-rod drivers to safe and sane drivers. Cautions the viewer to think before leaping in an emergency.

***GREATEST GOOD, THE**
11 min, 16mm film, optical sd, col 1950
Producer USDA *Agency No.* 1066
Title No. 372242 *Sale* $50.00
Illustrates how the principles of forest conservation came into being and how they now influence the management of national forests. Provides views taken at Gifford Pinchot National Forest in the state of Washington.

***GREATEST TREASURE, THE**
20 min, 16mm film, optical sd, b&w 1957
Producer USIA *Agency No.* 01-02595
Title No. 372350 *Rental:* W/DRAWN Sale: W/DRAWN
Describes the important activities, services and collections of the Library of Congress.

GREECE
18 min, 16mm film, optical sd, b&w 1955
Producer USDOD *Agency No.* AFIF 0055
Title No. 372425 *Sale* $32.00
Reviews the history and culture of Greece, and describes her postwar recovery, current economic and social life, and position in NATO.
THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY.

***GREEK - BASIC COURSE, VOL 1**
17 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004065 *Sale* $55.25
Cassettes and accompanying text are both available for $57.75.
OTHER FORMAT(S) or VERSION(S)
32 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004066 *Sale* $89.25
Tape set and accompanying text are both available for $91.75.

***GREEK - BASIC COURSE, VOL 2**
19 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004067 *Sale* $61.75
Cassettes and accompanying text are both available for $62.75.
OTHER FORMAT(S) or VERSION(S)
33 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004068 *Sale* $91.75
Tape set and accompanying text are both available for $92.75.

***GREEK - BASIC COURSE, VOL 3**
6 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004069 *Sale* $19.50
Cassettes and accompanying text are both available for $21.50.
OTHER FORMAT(S) or VERSION(S)
11 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004070 *Sale* $30.75
Tape set and accompanying text are both available for $32.75.

GREYHOUNDS OF THE SEA
26 min, 16mm film, optical sd, b&w 1967
Producer USN *Agency No.* MN09726
Title No. 373560 *Sale* $45.50
Documents the development of the destroyer from the earlist types through to modern nuclear missile destroyers. Narrated by Jack Webb.

GRID LIMITER
28 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-538
Title No. 373600 *Sale* $58.50
Explains the purpose of each component in biased and unbiased grid limiters. Explains how limiting occurs and shows output waveshapes on an oscilloscope. Using a mock-up of a grid limiter and an oscilloscope, demonstrates the effect on limiting when bias is changed. (Kinescope)

GRID NAVIGATION - APPLICATION OF THEORY
12 min, 16mm film, optical sd, b&w 1958
Producer USAF *Agency No.* TF01-5227B
Title No. 001734 *Sale* $22.25
Shows in-flight procedures demonstrating the application of the Grid Navigation Theory. Key points covered include the importance of the pacing diagram, the scheduling of the navigator's actions, communications between the pilot and navigator, and the transition from one chart to another.

GRID NAVIGATION - INTRODUCTION AND THEORY
12 min, 16mm film, optical sd, b&w 1958
Producer USAF *Agency No.* TF01-5227A
Title No. 373605 *Sale* $22.25
Explains the basic factors of aerial navigation and the use of grid procedures in overcoming the problems of polar navigation. Covers special subjects including the use of the gyro, compensation for procession of the gyro, the Earth's converging meridians, the grid overly, and calculations of the western and eastern hemispheres.

GRINDING A DEEP HOLE
18 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 078
Title No. 373850 *Rental* $7.50 Sale $32.00
Tells how to grind the backing pins and work-holding jaws of three-jaw chuck to hold the work-piece, set length of stroke and great-through, correct for taper and bellmouth and check a deep hole with a micrometer.
From the *MACHINE SHOP* series. Operations on the Internal Grinder, No. 2

GRINDING A PARALLEL BAR, PT 1, SETTING UP THE MACHINE
14 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 220
Title No. 373900 *Rental* $7.50 Sale $25.50
Shows how to mount a grinding wheel, to position the diamond tool and true the wheel, to operate a magnetic chuck and to use a grinder.
From the *MACHINE SHOP WORK* series. Operations on the Surface Grinder, No. 1

GRINDING A PARALLEL BAR, PT 2, GRINDING OPERATIONS
15 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 221
Title No. 373901 *Sale* $27.00
Shows how to position the parallel bar, to rough-grind the opposite sides of the bar, to rough-grind adjacent sides at exact right angles and to finish-grind.
From the *MACHINE SHOP WORK* series. Operations on the Surface Grinder, No. 2

GRINDING A PLAIN PIN, PT 1, THE GRINDING WHEEL
17 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 080
Title No. 373999 *Rental* $7.50 Sale $30.50
Discusses the cutting action of a grinding wheel, explaining how to select the correct grinding wheel, handle and mount the wheel on the collet and true and balance the wheel.
From the *MACHINE SHOP WORK* series. Operations on the Center-Type Grinder, No. 1

GRINDING A PLAIN PIN, PT 2, GRINDING OPERATIONS
17 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 081
Title No. 374001 *Rental* $7.50 Sale $30.50
Explains how to lubricate and set up a center-type grinder, mount and adjust the workpiece for proper tension between centers, set the table reversing dogs and rough-grind a plain pin.
From the *MACHINE SHOP WORK* series. Operations on the Center-Type Grinder, No. 2

GRINDING A SLENDER SHAFT WITH BACK REST
17 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 082
Title No. 374100 *Rental* $7.50 Sale $30.50
Explains how to select and set up a back rest, adjust the back rest during grinding, rough and finish-grind the long shaft, and check and adjust for taper.
From the *MACHINE SHOP WORK* series. Operations on the Center-Type Grinder, No. 3

GRINDING A STRAIGHT HOLE
18 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 077
Title No. 374150 *Rental* $7.50 Sale $32.00
Tells how to use a universal chuck, select the proper grinding wheel, adjust wheel speed, set the length of the stroke, set the cross-feed for automatic grinding and use a precision cross-feed for finish-grinding.
From the *MACHINE SHOP WORK* series. Operations on the Internal Grinder, No. 1

GRINDING A STRAIGHT HOLE (SPANISH)
18 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 077
Title No. 001735 *Rental* $7.50 Sale $32.00
Tells how to use a universal chuck, select the proper the stroke, set the cross-feed for automatic grinding and use a precision cross-feed for finish-grinding.
From the *MACHINE SHOPWORK* series. Operation on the Internal Grinder, No. 1

GRINDING A TAPER
19 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 084
Title No. 374160 *Rental* $7.50 Sale $33.75
Shows how to prepare an arbor for grinding, mount and adjust the arbor between centers, adjust the swivel table and taper scale, rough- and finish-grind the taper, and check with the taper ring gage and light gage.
From the *MACHINE SHOP WORK* series. Operations on the Center-Type Grinder, No. 5

GRINDING A TEMPLATE
15 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 222
Title No. 374170 *Rental* $7.50 Sale $27.00
Shows how to mount and true the wheel, mount the sine bar on the table, set the sine bar for specified angles, set up the template on the sine bar, roughand finish-grind the template, and check the workpiece for accuracy.
From the *MACHINE SHOP WORK* series. Operations on the Surface Grinder, No. 4

GRINDING A V BLOCK
22 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 223
Title No. 374200 *Rental* $7.50 Sale $38.50
Explains how to set up a V block to grind the ends and the V, rough- and finish-grind the ends, establish reference points for grinding the V to precision dimensions and check the work for accuracy.
From the *MACHINE SHOP WORK* series. Operations on the Surface Grinder, No. 4

GRINDING AND FACING A BLIND HOLE
17 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 079
Title No. 374250 *Rental* $7.50 Sale $30.50
Shows how to mount and dress wheels on the two-spindle grinder, prepare the diaphragm chuck, plunge-grind the bore and adjust for taper, and grind the shoulder and flange parallel and at right angles to the bore.
From the *MACHINE SHOP WORK* series. Operations on the Internal Grinder, No. 3

GRINDING MULTIPLE-POINT CARBIDE TOOLS
20 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 243
Title No. 374350 *Rental* $7.50 Sale $35.25
Shows how to resharpen by grinding a dull carbide milling cutter, how to grind individual teeth offhand, how to circle-grind and surface-grind, and how to finish surfaces and edges by honing.
From the *MACHINE SHOP WORK* series. Carbide Cutting Tools, No. 3

GRINDING SINGLE-POINT CARBIDE TOOLS
26 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 242
Title No. 374400 *Rental* $10.00 Sale $45.50
Semi-finish and finish-grind a dull tool, and shows how to rough-grind a chipped or broken tip, grind a newly brazed tool and a chip breaker.
From the *MACHINE SHOP WORK* series. Carbide Cutting Tools, No. 2

GRINDING THIN DISCS
15 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 224
Title No. 374450 *Rental* $7.50 Sale $27.00
Shows how to true the grinding wheel, load and operate the magnetic chuck, rough-grind the discs, finish-grind the discs to precision measurements and check for accuracy and parallelism.
From the *MACHINE SHOP WORK* series. Operations on the Surface Grinder, No. 5

GRISCOM-RUSSELL - HOW IT WORKS, PT 1
14 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MNO3706A
Title No. 374510 *Sale* $25.50
Explains by animation the principles of operation of the low-pressure distilling plant (Griscom-Russell). Illustrates the development of a simple effect distilling plant, explaining the parts and their functions.

GRISCOM-RUSSELL - HOW IT WORKS, PT 2
19 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MNO3706B
Title No. 374511 *Sale* $33.75
Explains by animation the parts, construction, and operation of a double effect distilling plant. Portrays a typical distilling plant, tracing by animation the flow of water, steam, vapor, and condensation through the system.

GROSS RADIOACTICITY ANALYSIS OF WATER
6 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1344
Title No. 374540 *Sale* $19.50
The film shows gross alpha and beta counting of water samples involved in the preparation of two samples-one for the suspended solids, the other for the dissolved solids. Suspended solids are removed with a membrane filter apparatus connected to a vacuum.

GROUND CONTROLLED APPROACH EQUIPMENT - SITING
11 min, 16mm film, optical sd, b&w 1957
Producer USN *Agency No.* MN08480A
Title No. 374547 *Sale* $19.25
Describes the siting and location of ground controlled approach equipment trailers at various runway locations.

GROUND CONTROLLED APPROACH OF AIRCRAFT OPERATIONAL PROCEDURE
38 min, 16mm film, optical sd, b&w 1949
Producer USN *Agency No.* MN06694
Title No. 374545 *Sale* $65.25
Demonstrates the principles and operation of ground controlled approach (GCA) on the field and in a plane.

GROUND HANDLING OF AIRCRAFT IN COLD WEATHER TAXIING, TOWING, AND SECURING
16 min, 16mm film, optical sd, b&w 1953
Producer USN *Agency No.* MN07474B
Title No. 374360 *Sale* $28.50
Tells how to taxi and tow aircraft under adverse conditions. Shows how to secure aircraft in cold weather, using tie-downs and plane covers.

GROUND SAFETY ON THE FLIGHT LINE, PT 1
10 min, 16mm film, optical sd, col 1956
Producer USAF *Agency No.* TF01-5047A
Title No. 374570 *Sale* $34.00
Portrays the work of U S Air Force ground crews in servicing B-47's.

GROUND SAFETY ON THE FLIGHT LINE, PT 2
14 min, 16mm film, optical sd, col 1956
Producer USAF *Agency No.* TF01-5047B
Title No. 374571 *Sale* $48.50
Portrays an investigation of the burning of a B-47 Air Force plane.

***GROW YOUR OWN**
16 min, 16mm film, optical sd, b&w 1945
Producer USDA *Agency No.* 938
Title No. 374900 *Sale* $37.00
Tells the essentials of good gardening and how plants grow. Humorously explains 'don,ts' of gardening.

GROWING UP AT THE TABLE
23 min, 12 in. audiodisc, 33 1/3 rpm, monaural 1968
Producer USNMAC
Title No. 001736 *Sale* $9.50
Includes phonograph records to accompany the filmstrips--growing up at the table - teaching feeding skills to the mentally retarted child at home and growing up at the table - teaching feeding skills to the mentally retarded child in groups.

GROWING UP AT THE TABLE - TEACHING FEEDING SKILLS TO MENTALLY RETARDED CHILDREN IN GROUPS
52 fr, 35mm filmstrip, silent, col 1968
Producer USSRS *Agency No.* F-1585-X
Title No. 001738 *Sale* $5.50
Demonstrates techniques for teaching feeding skills to groups of children in institutions and day-care centers. This filmstrip may be purchased as a set with F-1584-x and an accompanying audiodisc for $15.00.

GROWING UP AT THE TABLE - TEACHING FEEDING SKILLS TO THE MENTALLY RETARDED CHILD AT HOME
50 fr, 35mm filmstrip, silent, col 1968
Producer USSRS *Agency No.* F-1584-X
Title No. 001737 *Sale* $5.50
Demonstrates techniques for teaching feeding skills to a child in the home. Filmstrip may also be purchased as a set with F-1585-x and an accompanying audiodisc for $15.00.

GROWTH OF A LANGUAGE - AMERICAN ENGLISH
29 min, 16mm film, optical sd, b&w 1960
Producer USIA *Agency No.* 01-02499
Title No. 375402 *Rental:* W/DRAWN Sale: W/DRAWN
Reports the historical development of American English against a background of factors involved in language change and growth. Illustrates varieties of English spoken in many countries. Depicts each language as a 'melting pot' which borrows its vocabulary from other languages around the world.

GUARD OF THE SKY - THE NORAD STORY
15 min, 16mm film, optical sd, col 1959
Producer USAF *Agency No.* SFP 0580
Title No. 001776 *Sale* $50.00
Shows an integrated command reporting to Washington and Ottawa, NORAD stands ready 24 hours a day, 365 days a year, to defend us from a would-be aggressor.

GUARDING AGAINST SABOTAGE
32 min, 16mm film, optical sd, b&w 1952
Producer USA *Agency No.* TF19-1740
Title No. 001777 *Sale* $55.25
Discusses the techniques of sabotage--including fire, explosives, and mechanical means-and presents several case histories of sabotage.

GUAYMAS STORY, THE
27 min, 16mm film, optical sd, col 1967
Producer USNASA *Agency No.* HQ 165
Title No. 001778 *Sale* $106.75
Depicts a visit to the NASA Tracking Station at Guaymas, Mexico, and a study of the relationship between the community and the space facility.

GUIDANCE AND NAVIGATION
7 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No.* AD 023
Title No. 376788 *Sale* $29.25
A report on the problems of guiding the astronauts on their lunar voyage and the ways in which these problems are solved. Shows the special techniques used to guide the launch vehicle and the spacecraft from Earth to the Moon and back.
From the *APOLLO DIGEST* series.

GUIDED BEND TEST, THE
17 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 189
Title No. 376800 *Rental* $7.50 Sale $30.50
Shows how to prepare groove weld and fillet weld test specimens for the guided bend test. Shows how to make the test and describes causes of failure in bending.
From the *WELDING PROCEDURES* series. Testing, No. 1

*GUY

18 min, 16mm film, optical sd, col 1971
Producer USNIMH
Title No. 002098 *Rental* $10.00

Sold only as part of a series. Presents the experiences of Guy, a 15-year-old Mexican-American who spends a great deal of time stoned on 'reds' (barbituates). Shows his flight into passivity, and escape from the realities of an ungiving environment. Poses the questions--why does he feel the need to escape? What should change in his surroundings to make his life more challenging? What are his ambitions, dreams, and feelings about himself? Where has he come from? Where is he going?

From the *PROFESSIONAL DRUG FILMS* series and Social Seminar Series.

GYROSCOPE AND GRAVIATION, THE

14 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN01792C
Title No. 001779 *Sale* $25.50

Explains the theory and operation of pendulous and mercury ballistic type compasses, the effect of gravity on a gyroscope, and the operation of an arms pendulous compass and a Sperry mercury ballistic compass.

HACKSAWS

18 min, 16mm film, optical sd, b&w 1943
Producer USWD *Agency No.* TF09-2031
Title No. 001780 *Sale* $32.00

Shows various types of hacksaws and discusses the uses of the blades. Illustrates the correct use of blades and tools on different types of metal work.

From the *CARE AND USE OF HAND TOOLS* series. No. 6

HACKSAWS, PT 3

5 min, 16mm film, optical sd, b&w 1949
Producer USN *Agency No.* MN07831C
Title No. 378028 *Sale* $9.25

Explains the types of hacksaw blades in common use, and shows correct practice by close-ups of the cutting action of saw teeth in a variety of stock.

HAIL, ALMA MATER

6 min, 16mm film, optical sd, b&w 1951
Producer USA *Agency No.* MF45-7805
Title No. 378050 *Sale* $13.25

Shows scenes of the U S Military Academy campus while the West Point Choir and Glee Club sing 'Hail, Alma Mater' and 'Army Blue.'

CLEARED FOR TV.

HALF-WAVE AND FULL-WAVE RECTIFIERS - VACUUM TUBE

36 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-402
Title No. 378300 *Sale* $74.50

Discusses circuit operation of half-wave and full-wave rectifiers using diode vacuum tubes. Shows how to calculate voltages, output frequency, and peak inverse voltage of each circuit. (Kinescope)

HALIFAX INCIDENT, THE

6 min, 16mm film, optical sd, b&w 1950
Producer USN *Agency No.* MN00202A
Title No. 001781 *Sale* $11.00

Shows how misinterpretation of ship's whistle signal caused the collision of the Halifax.

HALLAM NUCLEAR POWER FACILITY

20 min, 16mm film, optical sd, col 1963
Producer USAEC
Title No. 001782 *Sale* $78.25

Shows the construction of the reactor at Hallam, Nebraska, built jointly by the Atomic Energy Commission and the Consumers' Public Power District of Nebraska. Uses animation to illustrate the plant operation and live footage to show the construction of the reactor containment vessel, its transportation from Philadelphia to Hallam, the fabrication of installation, and the operation of various components.

*HALLUCINOGENS

20 min, audiotape cassette, 2-track, monaural 1972
Producer USNIMH
Title No. 002099

Available only as a part of a series. Includes an examination of the questions of organic brain damage, chromosomal damage, and the use of LSD and other hallucinogenic drugs.

From the *PROFESSIONAL DRUG TAPE* series.

HAMMERS

11 min, 16mm film, optical sd, b&w 1943
Producer USWD *Agency No.* TF09-2029
Title No. 379300 *Sale* $19.25

Explains the proper care and use of machinist's ball, straight and cross peen hammers, sledge hammer, and a carpenter's claw hammer.

From the *CARE AND USE OF HAND TOOLS* series. No. 4

HAND SOLDERING

20 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 479
Title No. 379500 *Rental* $7.50 Sale $35.25

Explains the theory of soldering. Shows how to prepare soldering irons and torches, clean and prepare the work, fasten the joints, solder wire and lug joints and seal seams.

From the *ACCESSORY ASSEMBLY* series. TOols and Procedures, No. 1

HAND SOLDERING (SPANISH)

20 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 479
Title No. 001783 *Rental* $7.50 Sale $35.25

Explains the theory of soldering. Shows how to prepare soldering irons and torches, clean and prepare the work, fasten the joints, solder wire and lug joints and seal seams.

From the *ACCESSORY ASSEMBLY* series. Tools and Procedures, No. 1

HANDLE WITH CARE

28 min, 16mm film, optical sd, b&w 1965
Producer USPHS *Agency No.* MIS-0966
Title No. 379800 *Rental* $10.00 Sale $48.75

Shows the varied services received by selected mentally retarded people in the greater Los Angeles area. Stresses the importance of having a place on which the families of the mentally retarded can depend for early diagnosis and evaluation as well as for continued assistance. Narrated by Burt Lancaster

*HANDLING AND STORING APPLES IN PALLET BOXES

23 min, 16mm film, optical sd, col 1959
Producer USDA *Agency No.* 1472
Title No. 003951 *Sale* $102.00

Presents the methods, devices, and equipment developed through 2 years of engineering research on handling and storing apples in pallet boxes. Pictures various design criteria for use in constructing pallet boxes and compares the use of such boxes with the conventional methods of handling apples in standard boxes. Shows and evaluates methods and equipment used in moving and handling apples in pallet boxes.

*HANDLING FRUITS AND VEGETABLE IN WHOLESALE WAREHOUSES

25 min, 16mm film, optical sd, col 1961
Producer USDA *Agency No.* 1491
Title No. 003952 *Sale* $114.00

Demonstrates efficient materials-handling systems and warehouse designs for wholesale distributors of fresh fruits and vegetables. Five systems for receiving and storing, three for assembly and truck loading are presented. Low-cost handling methods are described for a variety used types of materialshandling equipment.

HANDLING LIVESTOCK FOR MARKET

21 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 459
Title No. 380050 *Rental* $7.50 Sale $37.00

Examines causes of losses in marketing livestock. Explains

* INDICATES NEW ENTRY

how to prevent injury to livestock on the farm--before shipment, when loading, and during shipment.
From the *FARM WORK* series. Livestock, No. 3

***HANDLING LIVESTOCK SAFELY**
10 min, 16mm film, optical sd, col 1965
Producer USDA *Agency No.* 4949
Title No. 003953 *Sale* $47.00
Shows hazardous obstacles to avoid in handling and transporting livestock.

HANDS OF ACTION
40 min, 16mm film, optical sd, col
Producer USNMAC *Agency No.* M-1455-X
Title No. 001784 *Sale* $133.75
Depicts a doctor instructing ambulance attendants in emergency medical care. Using laymen's language and graphic examples, the doctor explains the recommended procedure for handling the following--(1) blocked airways, (2) bleeding, (3) open wounds, and (4) broken bones.

HANDWASHING IN PATIENT CARE
15 min, 16mm film, optical sd, col 1961
Producer USCDC *Agency No.* M-0462
Title No. 380225 *Sale* $51.75
Demonstrates the importance of the conscientious practice of hand washing in order to avoid transmission of pathogens.

HANDWASHING IN PATIENT CARE (SPANISH)
15 min, 16mm film, optical sd, col 1961
Producer USPHS *Agency No.* M-1045-SP
Title No. 006386 *Sale* $51.75
Shows the importance of the conscientious practice of hand washing to avoid the transmission of pathogens.

***HANDYMAN, THE**
11 min, 16mm film, optical sd, col 1966
Producer USIA *Agency No.* 01-02685
Title No. 380255 *Rental* $7.50 Sale: W/DRAWN
Discusses the 'Do-it-yourself' phenomenon in the United States and how American industry meets the demands for inexpensive efficient tools and equipment for laborer and homeowner.

HARD ONES, THE
15 min, 16mm film, optical sd, col 1965
Producer USNASA *Agency No.* HQ 120
Title No. 001785 *Sale* $61.50
Shows the difficulties and problems encountered in designing, building, and operating unmanned satellites for scientific research and practical applications such as communications and weather forecasting.

***HARDEST WORKING DOLLAR, THE**
15 min, 16mm film, optical sd, col 1971
Producer USDL
Title No. 002100 *Rental* $10.00 Sale $68.00
Describes what the Unemployment Insurance Program means to the American worker, employer, government, and the economy.
From the *CAREER JOB OPPORTUNITY FILM* series.

HARDNESS TESTING - ROCKWELL
18 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 149
Title No. 381260 *Rental* $7.50 Sale $32.00
Describes the need for hardness testing and tells how to--set up the Rockwell hardness tester, select and seat the penetrator, select and mount the anvil, adjust the timing of the machine, and test flat and curved surfaces.
From the *AIRCRAFT WORK* series. Inspection, No. 5

HARVEST OF AN ATOMIC AGE
14 min, 16mm film, optical sd, col 1963
Producer USIA *Agency No.* 01-02521
Title No. 382625 *Rental:* W/DRAWN Sale: W/DRAWN
Reports on research with atom-irradiated seeds to develop bigger and disease-and-weather-resistant crops. Shows progress by U S scientists in creating new types of plants and practical results on farms.

***HARVEST OF COOPERATION**
20 min, 16mm film, optical sd, col 1964
Producer USDA *Agency No.* 3238-2
Title No. 382630 *Sale* $89.00
Shows that much of the success of American agriculture can be attributed to the initiative of U S farmers in solving their farm problems and to the assistance they receive from cooperatives and governmental agencies.

HARVEST OF LEARNING
31 min, 16mm film, optical sd, b&w 19LU
Producer USIA
Title No. 382650 *Rental:* W/DRAWN Sale: W/DRAWN
Explains the role of 68 land-grant colleges in U S education. Includes their history and development which is based upon equality of educational opportunity, a variety of courses of study, and important extension services and adult education.

***HAULAGE SAFETY IN LOW-COAL MINES**
15 min, 16mm film, optical sd, col 1971
Producer USBM
Title No. 003554 *Sale* $58.25
Dramatically pictures how accidents can be prevented or can happen in the underground transportation of men, coal, and supplies through tunnels in 'low' coal.
PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

***HAUSA - BASIC COURSE**
15 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004071 *Sale* $48.75
For information concerning purchase of accompanying text, write to National Audiovisual Center, Information Branch for NACI Listing G034.
OTHER FORMAT(S) or VERSION(S)
30 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004072 *Sale* $83.50
For information concerning purchase of accompanying text, write to National Audiovisual Center, Information Branch for NACI Listing G034.

HAZARDS IN GROUND OPERATION OF JET AIRCRAFT
5 min, 16mm film, optical sd, col 1950
Producer USN *Agency No.* MN04353P
Title No. 384350 *Sale* $18.00
Explains through animation the exhaust blast, suction, and cooling hazards of jet propelled aircraft. Shows safety precautions to prevent injury to personnel and damage to jet engines.

***HAZARDS OF CHURN DRILLING**
23 min, 16mm film, optical sd, col 1957
Producer USBM
Title No. 003570 *Sale* $89.75
Describes the churn drilling operations in surface ore mining. Shows the drilling hazards and the incorrect unsafe work procedures. Presents the safe methods of drilling and emphasizes the need for the constantly alert workmen.
PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

***HAZARDS OF TIRE HYDROPLANING TO AIRCRAFT OPERATION**
15 min, 16mm film, optical sd, col 1963
Producer USNASA *Agency No.* HQA-112
Title No. 002101 *Sale* $64.25
Explains the phenomena of tire hydroplaning, under what

conditions it occurs and the resulting hazards to aircraft operations. Emphasizes the hazards of a wet runway. Based on tire studies at the Langley Research Center.

HEAD OF THE HOUSE
40 min, 16mm film, optical sd, b&w 1954
Producer USIA
Title No. 384465 *Rental* W/DRAWN Sale W/DRAWN
A story of community action to solve a problem in mental health. Shows how a social worker, a policeman and a minister can join forces to help a young boy and his parents through serious troubles of adolescence.

HEAD START TO CONFIDENCE
22 min, 16mm film, optical sd, b&w
Producer USOEO
Title No. 384490 *Sale* $28.00
Illustrates the need for every child to have a sense of his own importance and worth as a person. Shows a teacher's various means of building the self-confidence of pre-school children through controlled achievement, language, and performance of useful tasks.

HEADBANGERS, THE
30 min, 16mm film, optical sd, b&w 1965
Producer USPHS *Agency No.* AM-1411
Title No. 384480 *Sale* $52.00
Describes a treatment program for retarded, severely self-destructive children. Pictures several institutionalized children who manifest such behavior through the symptom of head-banging, one of whom blinded herself and was subsequently placed in a special study unit. Emphasizes the persistent, co-operative effort to the staff and therapist as the primary mode of treatment.

HEADQUARTERS U S A
30 min, 16mm film, optical sd, b&w 1955
Producer USDOD *Agency No.* AFIF 0070
Title No. 384580 *Sale* $52.00
Portrays a tour taken by a group of servicemen through Washington, D C, covering highlights such as the White House, the Capitol, the Washington, Lincoln, and Jefferson Memorials, the National Archives, and the Tomb of the Unknown Soldier.
THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY.

HEALTH HAZARDS OF PESTICIDES
14 min, 16mm film, optical sd, col 1958
Producer USNMAC *Agency No.* M-0204
Title No. 001786 *Sale* $48.50
Emphasizes the potential public health hazards resulting from the widespread use of pesticides, explains the work of the Communicable Disease Center's toxicology laboratories in measuring this hazard, and makes recommendations for the safe use of pesticides.

HEALTHFUL LIVING IN EMERGENCIES
28 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No.* M-0797
Title No. 385175 *Sale* $93.00
Teaches the individual how to take care of his medical and health needs in time of disaster when medical assistance might not be readily available.
From the *MEDICAL SELF-HELP* series.
RESTRICTIONS—ORGANIZATIONS WISHING TO PURCHASE THIS FILM MUST FIRST REQUEST WRITTEN PERMISSION FROM THE CHIEF OF TRAINING, DIVISION OF EMERGENCY HEALTH SERVICES, PUBLIC HEALTH SERVICE, U. S. DEPARTMENT OF HEALTH, EDUCATION AND WELFARE, 6525 BELCREST ROAD, WEST HYATTSVILLE, MARYLAND 20782. AFTER PERMISSION HAS BEEN OBTAINED THE PURCHASER MAY DEAL DIRECTLY WITH THE NATIONAL AUDIOVISUAL CENTER.

HEALTHIER PLACE TO LIVE, A
11 min, 16mm film, optical sd, col 1964
Producer USNMAC *Agency No.* M-0825
Title No. 001787 *Sale* $45.25
Focuses on housing and other environmental conditions of camps, shows safeguards workers can take against such health hazards as pests, dirt, unsafe water. Intended to stimulate discussion of health in camps, and responsibility of each group-workers, growers, and others.
FOR USE WITH SEASONAL CROP WORKERS AND THEIR FAMILIES.

HEALTHIER PLACE TO LIVE, A (BLACK CAST)
11 min, 16mm film, optical sd, b&w 1964
Producer USNMAC *Agency No.* M-0728
Title No. 385200 *Sale* $19.25
Focuses on housing and other environmental conditions of camps, shows safeguards workers can take against such health hazards as pests, dirt, and unsafe water. Intended to stimulate discussion of health in camps, and responsibility of each group-workers, growers, and others.

HEALTHIER PLACE TO LIVE, A (SPANISH-AMERICAN CAST - SPANISH)
11 min, 16mm film, optical sd, col 1964
Producer USNMAC *Agency No.* M-0934-SP
Title No. 001788 *Sale* $47.00
Focuses on housing and other environmental conditions of camps, shows safeguards workers can take against such health hazards as pests, dirt, and unsafe water. Intended to stimulate discussion of health in camps, and responsibility of each group-workers, growers, and others.

HEART RESEARCH NEWS
15 min, 16mm film, optical sd, b&w 1962
Producer USNMAC *Agency No.* MIS-0687
Title No. 001789 *Sale* $27.00
A nine-part newsreel presenting news reports of recent work conducted or supported by the National Heart Institute--(1) high blood pressure drug, (2) countershock, (3) diet and heart disease, (4) counterpulsation, (5) conduction system locator, (6) aging, (7) fetal EKG, (8) microsurgery, and (9) artictificial heart.

HEARTBEAT
29 min, 16mm film, optical sd, b&w 1964
Producer USPHS *Agency No.* MIS-896
Title No. 386125 *Rental* $10.00 Sale $60.50
Shows progress in combatting heart disease around the world, from surgical research in modern city hospitals to studies in rural clinics. Focuses on the work of the National Heart Institute. Filmed in Uganda, Peru, Lebanon, Japan, East Pakistan and the United States. (Co-sponsored by National Institutes of Health)

• **HEARTBEAT OF BUSINESS, THE**
15 min, 16mm film, optical sd, col 1971
Producer USSBA
Title No. 001428 *Rental* $10.00 Sale $53.50
Dramatizes through conversations between two fictional businessmen the importance of good financial management.

HEAT DISORDERS - GENERAL EFFECTS OF HEAT ON MAN
22 min, 16mm film, optical sd, b&w 1960
Producer USA *Agency No.* TF082762
Title No. 001790 *Sale* $38.50
Describes the causes, symptoms, treatment, and prevention of the three major heat disorders that may be encountered by troops when living and working in extremely hot climates-heat cramps, heat exhaustion, and heat stroke.

HEAT TREATMENT OF ALUMINUM, PT 1
19 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 344
Title No. 386850 *Rental* $7.50 Sale $33.75
Describes the purpose of heat treatment, microstructure changes during heat treatment, the procedure of heat treatment and the effects on physical properties of aluminum.
From the *ENGINEERING* series.

HEAT TREATMENT OF ALUMINUM, PT 2
24 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 345
Title No. 386851 *Rental* $10.00 Sale $42.25
Explains the nature of cold working operations, crystalline structure of aluminum alloys, slip planes and deformation and microstructure changes.
From the *ENGINEERING* series.

HEAVY PARTICLE BEAMS IN MEDICINE
11 min, 16mm film, optical sd, col 1964
Producer USAEC
Title No. 001791 *Sale* $38.00
Surveys the historical development of the medical uses of cyclotrons. Shows the unique properties of accelerator-produced heavy particles of cyclotrons in nuclear medicine in providing creditable results in the treatment of acromegaly, Cushing's disease, and diabetic retinitis. Discusses the Bragg effect of alpha particle radiation in the direct treatment of tumors of the brain and soft tissue.

***HEBREW - BASIC COURSE**
35 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004073 *Sale* $113.75
Cassettes and accompanying text are both available for $119.75.
OTHER FORMAT(S) or VERSION(S)
61 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004074 *Sale* $169.75
Tape set and accompanying text are both available for $174.75.

HEIGHT GAUGES AND TEST INDICATORS
12 min, 16mm film, optical sd, b&w 1941
Producer USOE *Agency No.* OE 005
Title No. 387400 *Rental* $7.50 Sale $22.25
Reading of the vernier scale as used on a height gauge. Shows several forms of test indicators and demonstrates their use.

HELICOPTER - ARCTIC OPERATIONS
29 min, 16mm film, optical sd, col 1958
Producer USAF *Agency No.* TF01-5102A
Title No. 387530 *Sale* $97.75
Demonstrates techniques and procedures necessary for safe helicopter operations in the Arctic.

HELICOPTER - EMERGENCY PROCEDURES, PT 1, BLADE STALLS
12 min, 16mm film, optical sd, b&w 1957
Producer USAF *Agency No.* TF01-5102G
Title No. 387544 *Sale* $22.25
Shows emergency procedures to be followed during blade stalls. Explains stall areas, angle of pitch, recovery procedures, reverse flow, weight, turbulence, high density altitudes, G forces, and lift and drag factors.

HELICOPTER - EMERGENCY PROCEDURES, PT 2, EMERGENCY PROCEDURES IN THE H-13
12 min, 16mm film, optical sd, b&w 1957
Producer USAF *Agency No.* TF01-5102H
Title No. 387545 *Sale* $22.25
Demonstrates emergency procedures in case of blade stall, turbulence, loss of directional control, loss of fan belt, and mechanical failure.

HELICOPTER - EMERGENCY PROCEDURES, PT 3, EMERGENCY PROCEDURES IN THE H-19
8 min, 16mm film, optical sd, b&w 1957
Producer USAF *Agency No.* TF01-5102I
Title No. 387546 *Sale* $14.25
Demonstrates emergency procedures such as recovery from stalls, settling with power, blade and serve stalls, and emergency landings. Explains techniques of ditching with passengers.

HELICOPTER - MOUNTAIN OPERATIONS
25 min, 16mm film, optical sd, col 1957
Producer USAF *Agency No.* TF01-5102B
Title No. 387510 *Sale* $84.75
Describes techniques and procedures necessary to the safe operation of helicopters in mountainous terrain. Shows preflight plans and precautionary measures, cargo loading, sling loads, power conservation through maximum utilization of mountain winds, and turbulence and similar obstacles encountered in mountain operations. Shows an actual flight of two H-19's to explain safe approaches and take-offs.

HELICOPTER - VIBRATIONS AND RESONANCE, PT 1, VIBRATIONS IN THE H-13
12 min, 16mm film, optical sd, b&w 1957
Producer USAF *Agency No.* TF01-5102C
Title No. 387600 *Sale* $22.25
Explains various types of vibration in the H-13 helicopter and how to determine the cause of each. Through animation, describes and traces to the cause each tell-tale vibration. Explains low, medium, and high frequency vibrations.

HELICOPTER - VIBRATIONS AND RESONANCE, PT 2, VIBRATIONS IN THE H-19
7 min, 16mm film, optical sd, b&w 1957
Producer USAF *Agency No.* TF01-5102D
Title No. 387601 *Sale* $12.50
Demonstrates vibrations in the H-19, and checks to determine the causes, including medium and high frequency vibration, blades out of track, improper torque, internal malfunctions, main and tail rotor assembly, tail rotor drive shaft, etc.

HELICOPTER - VIBRATIONS AND RESONANCE, PT 3, VIBRATIONS IN THE H-21
15 min, 16mm film, optical sd, b&w 1957
Producer USAF *Agency No.* TF01-5102E
Title No. 387602 *Sale* $9.25
Tell-tale vibrations in the H-21 are demonstrated, and traced to the cause.

HELICOPTER - VIBRATIONS AND RESONANCE, PT 4, GROUND RESONANCE
8 min, 16mm film, optical sd, b&w 1957
Producer USAF *Agency No.* TF01-5102F
Title No. 387603 *Sale* $14.25
Demonstrates by animation the techniques required to avoid ground resonance caused by severe oscillation, unbalanced rotor system, low strut, low tire, faulty loading, ect.

HELICOPTER MAINTENANCE, PT 3, INTRODUCTION TO POWER TRAINS
15 min, 16mm film, optical sd, b&w 1957
Producer USA *Agency No.* TF55-2310
Title No. 387560 *Sale* $27.00
Discusses the function, major components, and operation of the single rotor type power train in the H-19 helicopter, and the tandem rotor type power train in the H-21 helicopter.

***HELICOPTER MANAGEMENT**
25 min, 16mm film, optical sd, col 1968
Producer USDA *Agency No.* 7256
Title No. 003785 *Sale* $120.00
The helicopter is widely used in all phases of forest fire control work. This training film is designed to assist personnel in planning, organizing, and directing helicopter operations safely and efficiently.

***HELICOPTER MANAGEMENT (SPANISH)**
25 min, 16mm film, optical sd, col 1968
Producer USDA *Agency No.* 7256-S
Title No. 003786 *Sale* $120.00
The helicopter is widely used in all phases of forest fire control work. This training film is designed to assist personnel in planning, organizing, and directing helicopter operations safely and efficiently.

HELICOPTER ORIENTATION - INTRODUCTION TO HELICOPTERS
20 min, 16mm film, optical sd, b&w 1958
Producer USA *Agency No.* TF46-2554
Title No. 387573 *Sale* $35.25
Depicts the historical development of the helicopter from the fifteenth century to the present and shows several types of helicopters in use by the military services as well as some experimental models. Discusses basic helicopter flight principles, including gravity, lift, thrust, drag, torque, dissymmetry of lift, and the effects of collective and cyclic pitch change. Shows flight control in a typical helicopter and some civil and military applications of the helicopter.

HELICOPTER ORIENTATION - INTRODUCTION TO ROTARY WING FLIGHT
27 min, 16mm film, optical sd, b&w 1958
Producer USN *Agency No.* MN07306A
Title No. 387577 *Sale* $47.00
Explains the history of helicopter development, the uses and versatility of the helicopter, and the basic aerodynamic principles as applied to helicopter flight. Uses animation to show the effect of density altitude and to illustrate aerodynamic principles.

HELICOPTER ORIENTATION - OPERATION OF THE SINGLE MAIN ROTOR HELICOPTER
19 min, 16mm film, optical sd, b&w 1952
Producer USN *Agency No.* MN07306D
Title No. 387579 *Sale* $33.75
Shows the procedure used in pre-flighting the helicopter from the pilots' viewpoint. Demonstrates how the controls are used in flight and the effects of applying the different controls. Illustrates starting the engine and shows procedures used in checking engine operation before take-off. Stresses location of, and proper indications of, all instruments. Shows how to secure the helicopter after flight.

HELICOPTER ORIENTATION - THE BASIC ANATOMY OF THE HELICOPTER
15 min, 16mm film, optical sd, b&w 1952
Producer USN *Agency No.* MN07306C
Title No. 387575 *Sale* $27.00
Illustrates main component parts of the HTL-5 helicopter. Shows in animated diagrams the fuel, electrical, and basic flight-control systems.

HELICOPTER SPECIAL DELIVERY
11 min, 16mm film, optical sd, b&w 1953
Producer USA *Agency No.* MF45-7945
Title No. 387581 *Sale* $19.25
Portrays a river crossing effected through the use of a helicopter company, in which the 'Whirlybirds' not only deliver men, and ammunition, but also carry back the wounded.

● **HELICOPTERS IN FIRE CONTROL**
13 min, 16mm film, optical sd, col 1960
Producer USDA *Agency No.* 1448
Title No. 003955 *Sale* $62.00
The small helicopter has demonstrated a wide utility in fire control. Shows the various ways in which it has proved valuable and how its use must be wisely managed by personnel and coordinated with other air and ground equipment.

HELL FOR LEATHER
10 min, 16mm film, optical sd, b&w 1946
Producer USA *Agency No.* CMF45-1278
Title No. 387623 *Sale* $17.50
Depicts the history of the U.S. 1st Cavalry Division, particularly during World War II.

HELL ON WHEELS
17 min, 16mm film, optical sd, b&w 1951
Producer USA *Agency No.* CMF017-7864
Title No. 006387 *Sale* $30.50
Cover the highlights in the history of the 2nd Armored Division.

● **HELPING TEACHERS TO UNDERSTAND CHILDREN, PT 1**
21 min, 16mm film, optical sd, b&w 1953
Producer USIA
Title No. 388350 *Rental* W/DRAWN *Sale* W/DRAWN
Presents the story of the work of the Institute for Child Study at the University of Maryland. Shows how a school faculty may set up a local Child Study program and receive guidance and aid from the institute.

● **HELPING TEACHERS TO UNDERSTAND CHILDREN, PT 2**
25 min, 16mm film, optical sd, b&w 1953
Producer USIA
Title No. 388351 *Rental* W/DRAWN *Sale* W/DRAWN
Describes a summer workshop at the Institute for Child Study at the University of Maryland. Shows activities that aid in making the group more aware of the forces that affect a child's personality, his approach to other children and his school studies.

HEMAGGLUTINATION TEST FOR ECHINOCOCCOSIS
6 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No.* M-0858
Title No. 001792 *Sale* $21.25
Demonstrates a modified tube hemagglutination test for diagnosis of echinococcosis.

HEMATOLOGICAL TECHNIQUE - COLLECTING BLOOD SAMPLES
7 min, 16mm film, optical sd, col 1954
Producer USN *Agency No.* MN09375A
Title No. 001793 *Sale* $24.50
Demonstrates how to collect blood samples from the finger.

HEMATOLOGICAL TECHNIQUE FOR CHARGING THE HEMOCYTOMETER
6 min, 16mm film, optical sd, col 1954
Producer USN *Agency No.* MN09375B
Title No. 001794 *Sale* $21.25
Demonstrates how to take a blood count of red and white corpuscles.

● **HEMIMANDIBULECTOMY AND IMMEDIATE RESTORATION WITH ACRYLIC IMPLANT**
25 min, 16mm film, optical sd, col 1954
Producer USVA
Title No. 005291 *Sale* W/DRAWN
Presents a case of adamantinoma and demonstrates the resection of the left hemimandible including the condyle, and the immediate implantation of an acrylic prothesis.

HEMIPARETIC PATIENT, THE - CHANGING POSITION IN BED
8 min, 16mm film, optical sd, col 1968
Producer USNMAC *Agency No.* M-1550
Title No. 001795 *Sale* $26.00
Shows how the hemiparetic patient is taught to move from side and to roll over.

HEMIPARETIC PATIENT, THE - IN AND OUT OF CAR - PATIENT WALKING WITH CANE
3 min, 16mm film, optical sd, col 1970
Producer USNMAC *Agency No.* M-1782
Title No. 388527 *Sale* $14.00
Demonstrates the use of a cane in entering and leaving a car.

HEMIPARETIC PATIENT, THE - SITTING UP AND LYING DOWN IN BED
8 min, 16mm film, optical sd, col 1968
Producer USNMAC *Agency No.* M-1556
Title No. 001796 *Sale* $27.75
Shows how the hemiplegic patient learns to sit up and lie down.

HEMIPARETIC PATIENT, THE - TRANSFER FROM WHEELCHAIR TO CAR AND REVERSE
4 min, 16mm film, optical sd, col 1970
Producer USNMAC *Agency No.* M-1781
Title No. 388528 *Sale* $17.75
Demonstrates the transfer between wheelchair and car.

HEMIPLEGIC PATIENT, THE, PT 2, BED POSITIONING OF THE ACUTE HEMIPLEGIC PATIENT
8 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1109
Title No. 001797 *Sale* $26.00
Shows how to position hemiplegic patient in a bed, how to use pillows to brace body areas.

HEMIPLEGIC PATIENT, THE, PT 3, EVALUATION OF THE HEMIPLEGIC PATIENT FOR STANDING
8 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1110
Title No. 001798 *Sale* $26.00
Demonstrates muscle testing techniques used to evaluate a hemiplegic's capability to stand.

● INDICATES NEW ENTRY

HEMIPLEGIC PATIENT, THE, PT 4, PASSIVE RANGE OF MOTION
9 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No* M-1111
Title No 001799 *Sale* $29.25
Shows correct techniques used in passive range of motion activities with a hemiplegic patient.

HEMOLYTIC SYNDROME, THE
32 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No* T-1506
Title No 388620 *Sale* $66.50
Shows that this syndrome is best defined by the three major components involved in its makeup--destructive reaction jaundice, compensatory reaction reticulocytosis, and decompensation anemia. Discusses differentiation between this and other similar syndromes giving the necessary tests for making a positive diagnosis--Coombs test, bone marrow examination, and bilirubin measurement. (Kinescope)

HEMOLYTIC TRANSFUSION REACTIONS
30 min, 16mm film, optical sd, b&w 1968
Producer USNMAC *Agency No* T-1497
Title No 388623 *Sale* $61.25
Reviews transfusion reactions from the initial source of error to their consequences. Discusses intravascular hemolysis, acute renal failure, hemorrhagic diathesis, and mannitol. (Kinescope)

HEMOPHILIOID DISORDERS-CLINICAL, THE
38 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No* T-1699
Title No 388625 *Sale* W/DRAWN
Discusses the factors involved in hereditary bleeder states due to deficiencies of plasma procoagulants. Mentions clotting factors, common synonyms, and associated hemorrhagic disorders with emphasis on clinical patterns. (Kinescope)

HEPATIC FUNCTION TESTS, PT 1
31 min, 16mm film, optical sd, b&w 1970
Producer USNMAC *Agency No* T-1779
Title No 389670 *Sale* $63.50
Presents general aspects of and classification of liver function tests, bilirubin metabolism, and defects in various types of jaundice. (Kinescope)

HEPATIC FUNCTION TESTS, PT 2
30 min, 16mm film, optical sd, b&w 1970
Producer USNMAC *Agency No* T-1966
Title No 389671 *Sale* $62.50
Discusses tests based on disturbances of intermediary metabolism of carbohydrates, proteins, lipids, and bile acids. (Kinescope)

HEPATIC FUNCTION TESTS, PT 3
26 min, 16mm film, optical sd, b&w 1970
Producer USNMAC *Agency No* T-1967
Title No 389672 *Sale* $54.75
Discusses tests based on conjugating and excreting capacity of the liver. (Kinescope)

HEPATIC FUNCTION TESTS, PT 4
31 min, 16mm film, optical sd, b&w 1970
Producer USNMAC *Agency No* T-1968
Title No 389673 *Sale* $64.25
Presents the role of serum enzyme levels in the diagnostic approach to liver disease. (Kinescope)

HEPATIC FUNCTION TESTS, PT 5
17 min, 16mm film, optical sd, b&w 1970
Producer USNMAC *Agency No* T-1969
Title No 389674 *Sale* $36.75
Discusses relative usefulness of various types of liver function tests in diagnosis and management of hepatic disease. (Kinescope)

HERE'S HELP
29 min, 16mm film, optical sd, col 1970
Producer USNIMH
Title No 390180 *Sale* $96.25
Summarizes treatment and rehabilitation programs for drug abusers.

HERITAGE OF FREEDOM
38 min, 16mm film, optical sd, b&w 1963
Producer USA *Agency No* AFIF 0124
Title No 390820 *Sale* $65.25
Four portrayals, which delineate the beginnings and background in the growth of liberty.

HERITAGE OF THE CORPS
15 min, 16mm film, optical sd, col 1963
Producer USMC *Agency No* MH08781
Title No 390850 *Sale:* W/DRAWN
Shows the Marine Corps Evening Parade at Marine Corps Barracks, Washington, D C, performance by the Marine Corps Band, the Drum and Bugle Corps, and the Drill Team and Troops.
THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY.

*__HERITAGE OF THE PLAINS__
19 min, 16mm film, optical sd, col 1968
Producer USDA *Agency No* 4045-3
Title No 003956 *Sale* $95.00
Tells the story of the four American families in the Great Plains and how they cooperate with the Dept of Agriculture and the soil conservation regions in making land and income more stable and their environment more livable.

*__HERITAGE RESTORED__
14 min, 16mm film, optical sd, col 1962
Producer USDA *Agency No* 1574
Title No 390875 *Sale* $66.00
Presents an eternally inspiring story of the development of our National Forests. These forests provide America with water and wood products for home and industry, shelter and forage for wildlife and livestock, and outdoor recreation for people.

HIDDEN HAZARDS, THE
28 min, 16mm film, optical sd, b&w 1964
Producer USPHS *Agency No* MIS-751
Title No 391450 *Sale* $48.75
The protection of the American working force from these hazards is a challenge to medical and health science. Emphasizes a wide new career area for those interested in medical and related sciences.

HIGH ACTIVITY WASTE
17 min, 16mm film, optical sd, col 1964
Producer USAEC
Title No 001851 *Sale* $53.25
Describes newly developed methods for disposing of high activity waste from nuclear power industries. Discusses the techniques of solidifying high activity wastes until their volume is chemically inert and of producing glass-like solids from powered wastes and from liquids. Discusses the use of salt mines for disposal of solid waste.

HIGH ALTITUDE, HIGH SPEED, FLIGHT PROBLEMS PHYSIOLOGICAL EFFECTS
23 min, 16mm film, optical sd, col 1952
Producer USN *Agency No* MN06915A
Title No 001852 *Sale* $78.25
Describes physiological effects on the pilot of flight at high altitude and high speeds. Explains the operation of oxygen equipment, cabin pressurization and ventilation, 'G' suits, and escape methods. Demonstrates oxygen equipment, preflight and inflight checks.

HIGH ENERGY PARTICLE ACCELERATORS
30 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No 001853 *Sale:* W/DRAWN
Surveys the work of particle accelerators in highenergy physics, shows the major accelerator installations in the

* INDICATES NEW ENTRY

United States, the major accelerators under construction, and a series of typical experiments with high-energy particles. Explains, with live action and animation, the components and operations of various types of accelerators and gives a description of bubble chambers.

HIGH ENERGY PEOPLE, THE
5 min, 16mm film, optical sd, col 1963
Producer USAEC
Title No. 001854 *Sale* $21.00
Describes the problems and tools of high energy physics as illustrated by the results of work with the zero gradient synchrotron, the spark chamber, and the automatic camera. Examines and analyzes photographs of tracks of sub-atomic particles which were taken by an automatic camera.

HIGH ENERGY PHYSICS RESEARCH
23 min, 16mm film, optical sd, col 1964
Producer USAEC
Title No. 001855 *Sale* $75.00
Disucsses the current understanding of subnuclear particles and nuclear forces as revealed by studies conducted on some 20 very high energy accelerators. Surveys the status of high energy physics research in the United States.

HIGH FREQUENCY SOLDERING
17 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 480
Title No. 391850 *Rental* $7.50 Sale $30.50
Discusses the theory of high frequency heating. Explains how to select a work coil and leads, tune a converter, determine correct soldering time and temperature, and use an automatic timer.
From the *ACCESSORY ASSEMBLY* series. TOols and Procedures, No. 2

* **HIGH JOURNEY**
38 min, 16mm film, optical sd, col 1969
Producer NATO
Title No. 002103 *Rental* $12.50 Sale $152.75
Filmed entirely from the air--from the North Cape to the Bosphorus-reveals the features, ancient capitals and historic lands in a new dimension, as the pinnacles of Notre Dame, the Alps with Mont Blanc and the slopes of the Acropolis reach upwards towards the camera. Describes the ceaseless watch maintained by the NATO air forces for the security of the air. Narrated by Orson Welles.

HIGH-TEMPERATURE SHORT-TIME PASTEURIZATION INSPECTION AND TESTING
25 min, 16mm film, optical sd, col 1969
Producer USPHS *Agency No.* M-0391
Title No. 393155 *Sale* $84.75
Designed to train inspection personnel in the procedures for testing the functioning and accuracy of high-temperature short-time pasteurization controls, in accordance with the standard milk ordinance.

HIGHLIGHTS OF HEART RESEARCH
8 min, 16mm film, optical sd, b&w 1962
Producer USNMAC *Agency No.* MIS-0701
Title No. 001856 *Sale* $14.25
A five-part newsreel showing highlights of research supported or conducted by the National Heart Institute--(1) transseptal catheterization, (2) continuous electrocardiography, (3) nibbling chickens and atherosclerosis, (4) Framingham Heart Study, (5) stroke surgery.

HIGHWAY BRIDGE RESEARCH
19 min, 16mm film, optical sd, col 1964
Producer USFHWA
Title No. 392900 *Sale* $63.25
Shows methods used in conducting strain research on steel and reinforced concrete bridges. Shows details on installation of gauges, wiring, and instrumentation. Shows operation, explains equipment, and gives results.

HIGHWAY SOIL ENGINEERING
110 min, 16mm film, optical sd, col 1950
Producer USFHWA
Title No. 393125 *Sale:* W/DRAWN
Illustrates methods employed for surveying and sampling in the field, and testing in the laboratory the subgrade soils encountered in highway construction. The tests are those used by Public Roads and many State Highway Departments in accordance with standards adopted by the American Association of State Highway Officials.

HIGHWAYS ARE FOR PEOPLE
27 min, 16mm film, optical sd, col 1968
Producer USFHWA
Title No. 393164 *Rental* $12.50 Sale $91.25
Stresses the beneifcial role of highways in the developement of the United States. Points out the ability of highways not only to meet national transportation needs, but to serve and harmonize with our nation's efforts to improve its environment. Demonstrates that sound state planning, public-minded programming, and imaginative design are contributing to the continuing improvement of the Federal-Aid Highway System.

HIMALAYAN AWAKENING
40 min, 16mm film, optical sd, col 1957
Producer USIA *Agency No.* 46-12248
Title No. 393300 *Rental:* W/DRAWN Sale: W/DRAWN
Explores Nepal's cultural, social and political background, and her 20th century economic progress and planned development with Indian and American aid.

HISTOPATHOLOGICAL TECHNIQUE - PROCESSING A GROSS SPECIMEN
10 min, 16mm film, optical sd, col 1954
Producer USN *Agency No.* MN09375D
Title No. 001857 *Sale* $34.00
Demonstrates the methods involved in preparing and freezing a gross specimen.

HISTOPLASMOSIS - MASON CITY, IOWA
15 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1228
Title No. 001858 *Sale* $53.50
Documents two histoplasmosis outbreaks in Mason City, Iowa. Illustrates, with live footage and animation, soil decontamination procedures for health officials of communities having startling roosts or other sites contaminated with histoplasma capsulation.

HISTORY OF DRUG ABUSE
18 2x2 slides, silent, col
Producer USBNDD
Title No. 003016 *Sale* $6.00
Section a of the Drug Abuse Education and Information Slide Resource Kit.

* **HISTORY OF DRUG ABUSE AND LEGAL CONTROL**
30 min, audiotape cassette, 2-track, monaural 1972
Producer USNIMH
Title No. 002104
Available only as part of a series. Presents the history of drug abuse and legal control. Includes a discussion of the increase in importation and use of of heroin and marihuana, the discovery and refinement of amphetamine and barbiturates, and the widespread use of hallucinogens.
From the *PROFESSIONAL DRUG TAPE* series.

HISTORY OF THE U S NAVY - THE CIVIL WAR, PT 1
19 min, 16mm film, optical sd, col 1958
Producer USN *Agency No.* FN06943E
Title No. 394890 *Sale* $65.00
Traces the most significant events of the opening years of the Civil War, 1861-62, after comparing the resources of both sides, and explains the basic Naval strategy. Major events portrayed include the Monitor-MErrimack combat, the Tighting Blockade, the Battle of New Orleans, and joint Army-Navy operations on the coast and in inland waters.

HISTORY OF THE U S NAVY - THE CIVIL WAR, PT 2
20 min, 16mm film, optical sd, col 1958
Producer USN *Agency No.* FN06943F
Title No. 394891 *Sale* $68.25
Traces significant Naval events of the Civil War from the end of 1862 to the close of the War, during which time the North used control of the sea and inland waters to split the Confederacy and stifle the South's economy.
From U S Government Films, 1969, P 5

***HISTORY OF U S FOREIGN RELATIONS, THE - A SERIES**
89 min, 16mm film, optical sd, col 1972
Producer USDS
Title No. 003520 *Sale* $294.00
Recreates highlights of our diplomatic heritage and traces its principle themes through the use of actual locations, actors' voices, historical paintings, political cartoons and documentary footage. Discussion guides accompany each film.

AGE OF REVOLUTIONS
RELUCTANT WORLD POWER, THE
YOUTH TO MATURITY

HOBBING A HELICAL GEAR - TWO CUTS NONDIFFERENTIAL METHOD
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 235
Title No. 395380 *Rental* $7.50 Sale $30.50
Tells how to set up change gears, adjust the swivel head to cut on the helix angle, set up the machine for the rough cut, and re-align hob and gear teeth.
From the *MACHINE SHOP WORK* series. Operations on the Gear Hobbing Machine, No. 5

HOBBING A SPUR GEAR, PT 1, SETTING UP THE CHANGE GEARS
15 min, 16mm film, optical sd, b&w 19JK
Producer USOE *Agency No.* OE 231
Title No. 395400 *Rental* $7.50 Sale $27.00
Describes selection of the hob, tells how to select change-gear combinations for speed, feed, and index. Tells how to identify the correct gears, mount the change gears, adjust for backlash, and how the changegear trains are interrelated.
From the *MACHINE SHOP WORK* series. Operations on the Gear Hobbing Machine, No. 1

HOBBING A SPUR GEAR, PT 2, SETTING UP AND HOBBING THE WORK
24 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 232
Title No. 395401 *Rental* $10.00 Sale $42.25
Describes how to select and mount the hob, set the swivel head angle, choose and mount the fixture, load the gear blanks, set up for depth of trial cut, and adjust for full depth of cut.
From the *MACHINE SHOP WORK* series. Operations on the Gear Hobbing Machine, No. 2

HOBBING A SQUARE TOOTH SPLINE SHAFT
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 233
Title No. 395405 *Rental* $7.50 Sale $30.50
Tells how to change hob arbors, centralize the hob with the centering gage, mount the center-type fixture and the top adjustable center, use a driving dog in mounting the spline shaft blank, set up for the trial cut, and take full depth of cut.
From the *MACHINE SHOP WORK* series. Operations on the Gear Hobbing Machine, No. 3

HOBBING A WORM GEAR - INFEED METHOD
18 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 234
Title No. 395410 *Rental* $7.50 Sale $32.00
Describes the angle at which to set the swivel head. Tells how to calculate and adjust the height of the hob arbor. Shows how to engage horizontal feed, centralize the hob, and cut to a center distance.
From the *MACHINE SHOP WORK* series. Operations on the Gear Hobbing Machine, No. 4

***HOG CHOLERA - AFRICAN SWINE FEVER, A COMPARISON**
23 min, 16mm film, optical sd, col 1956
Producer USDA *Agency No.* 1237
Title No. 003958 *Sale* $107.00
Shows the autopsy of several swine affected with hog cholera. African swine fever, often called Wart Hog disease of swine in Africa, is described. Provides valuable visual information to the veterinary student and veterinary practitioner on these two serious diseases of swine.

***HOG CHOLERA - ITS DIAGNOSIS**
29 min, 16mm film, optical sd, col 1965
Producer USDA *Agency No.* 2018-1
Title No. 003959 *Sale* $130.00
Technical designs for veterinary audiences and prepared as an aid for the professional man in understanding the hog cholera disease and its diagnosis.

HOLIDAY TRAFFIC SAFETY - HOME FOR THE HOLIDAYS
19 min, 16mm film, optical sd, b&w 1963
Producer USAF *Agency No.* TF 5593
Title No. 395901 *Rental* $7.50 Sale $33.75
Pictures the heavy highway traffic problems persons face in driving home during the Christmas season. To define the legal and moral obligations of motorists, film follows several travelers who become involved in accidents because of speed, carelessness, fatigue and alcohol. Also stresses the importance of defensive driving to insure a safe trip home for the holidays.
CLEARED FOR TV.

HOLLOW COIN, THE
15 min, 16mm film, optical sd, b&w 1960
Producer USDOD *Agency No.* DOD IS 03
Title No. 001860 *Sale* $27.00
Outlines the objectives of the Department of Defense Security Program, underscoring the responsibility of the individual worker to maintain security.

***HOME ON THE RANGE**
9 min, 16mm film, optical sd, b&w 1946
Producer USDA *Agency No.* 897
Title No. 396975 *Sale* $22.00
Portrays ranch life and western range country, showing waterholes, windmills and watering tanks. stresses improvements made through government range programs. Final scene reveals a round-up with scenes of branding and vaccine injection.

HOME-SCHOOL INTER ACTION
10 min, 16mm film, optical sd, b&w
Producer USOE
Title No. 397060 *Sale* W/DRAWN
Illustrates an example of a home-school inter-action program.
From the *TEAMS FOR LEARNING* series.

HOMOGENEOUS REACTOR EXPERIMENT 2
19 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No. 001861 *Sale* $88.25
Surveys the components, facilities, and operations of an aqueous homogeneous, forced-circulation, experimental power reactor operating with a dilute solution of uranyl sulfate in heavy water as fuel, and with a heavy-water reflector.

***HOOK DOWN, WHEELS DOWN, PTS 1 AND 2**
57 min, 16mm film, optical sd, col 1971
Producer USN *Agency No.* MN10731 HOO
Title No. 398080 *Sale* $175.00
Depicts the history of the aircraft carrier from the USS Langley to the USS John F Kennedy through the use of documentary footage and filmed interviews with retired Naval advisers. Covers the period from the Wright Brothers through the Battle of the Coral Sea and concludes in the present era of Naval aviation.

***HOOKS (DRUG ABUSE)**
28 min, 16mm film, optical sd, col 1972
Producer USA *Agency No.* TAR-37
Title No. 002106 *Sale* $113.50
Deals with drug abuse in a non-preaching manner to show that it is unprofitable in its long term effects on one's personal life and career.

HOOKWORM
10 min, 16mm film, optical sd, col 1946
Producer USOIAA
Title No. 398190 *Sale* $43.00
A cartoon on hookworm which tells what poor sanitation and improper living habits did to careless Charles. Prevention and treatment of hookworm are emphasized.
From the *HEALTH FOR THE AMERICAS* series.

HOOVER DAM
33 min, 16mm film, optical sd, b&w 1949
Producer USIA *Agency No.* 01-02801
Title No. 398250 *Sale* $68.25
Explains the need for control of the Colorado River. Pictures the construction of the Hoover Dam and indicates its value for irrigation and electric power.

HORIZONS UNLIMITED, PT 1
37 min, 16mm film, optical sd, col 1969
Producer USAEC
Title No. 398799 *Sale* $124.00
Describes new atomic industries and applications of atomic research which have opened up new careers in nuclear science and nuclear engineering.
From the *CAREERS IN NUCLEAR SCIENCE AND NUCLEAR ENGINEERING* Series.

HORIZONTAL PIN SPLINTING FOR ANTERIOR TEETH
12 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No.* D-23-FP
Title No. 001862 *Sale* $41.50
Depicts the use of the paralleling device and the procedures incident to produce the horizontal pin splint for stabilizing loose anterior teeth.

***HORSE SENSE**
23 min, 16mm film, optical sd, col 1953
Producer USDA *Agency No.* 1173
Title No. 399192 *Sale* $106.00
Stresses the safe handling and proper care of horses.

HORSESHOEING
19 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 458
Title No. 399450 *Rental* $7.50 Sale $33.75
Shows how to handle a horse during shoeing, to prepare the feet, to select, fit and nail on shoes, to take off shoes and to tighten old shoes on a horse.
From the *FARM WORK* series. Livestock, No. 2

HOSPITAL FOOD SERVICE PERSONNEL TRAINING, PT 1, INTRODUCTION
16 min, 16mm film, optical sd, b&w 1953
Producer USA *Agency No.* TF08-1841
Title No. 001865 *Sale* $28.50
Shows the departments, equipment, menu planning, and food preparation procedures typical of hospital food service.

HOSPITAL FOOD SERVICE PERSONNEL TRAINING, PT 2, THE INDIVIDUAL
13 min, 16mm film, optical sd, b&w 1950
Producer USA *Agency No.* TF08-1576
Title No. 001864 *Sale* $23.75
Shows ways to prevent communicable disease associated with improper food handling. Points out importance of health, cleanliness, personal appearance, and sanitary work habits.

HOSPITAL FOOD SERVICE PERSONNEL TRAINING, PT 3, EQUIPMENT
12 min, 16mm film, optical sd, b&w 1950
Producer USA *Agency No.* TF08-1577
Title No. 001863 *Sale* $22.25
Shows clean kitchen equipment. Tells how to loosen, dissolve, and emulsify dirt. Describes how to rinse and dry equipment, and prevent food poisoning.

HOSPITAL FOOD SERVICE PERSONNEL TRAINING, PT 4, SERVING FOOD
15 min, 16mm film, optical sd, col 1951
Producer USA *Agency No.* TF08-1578
Title No. 001866 *Sale* $51.75
Emphasizes principles of good food preparation and serivce in hospitals-proper temperature, correct quality, selection of food to meet patient's requirements, and courteous attention by food service personnel.

HOSPITAL FOOD SERVICE SAFETY
15 min, 16mm film, optical sd, col 1967
Producer USNMAC *Agency No.* M-1524-X
Title No. 001867 *Sale* $51.75
Illustrates ways of preventing common accidents in a large food service facility. Storage, equipment, and food service techniques are discussed. Emphasis is on 'think safe.'

HOSPITAL HOUSEKEEPING - MOPPING TWO BUCKET METHOD
9 min, 16mm film, optical sd, col 1967
Producer USNMAC *Agency No.* M-1324
Title No. 001868 *Sale* $31.00
Instructs maintenance personnel in mopping hospital floors, using an efficient and thorough method to get more work accomplished and kill more germs in the process.

HOSPITAL HOUSEKEEPING - WET PICK UP
7 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1325
Title No. 001869 *Sale* $24.50
Instructs maintenance personnel in the best method and procedure for cleaning the floor of the operating room after an operation.

HOUSE, A WIFE AND A SINGING BIRD, A
30 min, 16mm film, optical sd, col 1957
Producer USIA *Agency No.* 36-12445
Title No. 399725 *Rental:* W/DRAWN Sale: W/DRAWN
Tells the story, based on an old Japanese folk saying that a man's happiness depends upon a knife, house, horse, wife and singing bird, of the restoration of a young man to his rightful place in his society and nation. Indicates the benefits of ICA assistance to Indonesia in combatting malaria.

***HOUSEHOLD APPLIANCE REPAIRMAN**
8 min, 16mm film, optical sd, col 1967
Producer USDLMP
Title No. 400390 *Rental* $7.50 Sale $31.25
Shows a typical route repairman and his helper on an emergency call in a private home. Includes a variety of jobs and work situations - shows workers repairing large and small appliances from steam irons to electric stoves.
CLEARED FOR TV.

HOW ABOUT BILLY WILSON?
17 min, 16mm film, optical sd, b&w 1968
Producer USFAA
Title No. 004527 *Sale:* W/DRAWN
Answers vital questions about career opportunities within the Federal Aviation Administration for the young minority group student.
CLEARED FOR TV.

HOW AIRPLANES FLY
18 min, 16mm film, optical sd, col 1969
Producer USFAA *Agency No.* FA-0703
Title No. 400500 *Sale* $63.25
Shows what makes an airplane get off the ground and stay aloft. Combines animation and live sequences to explain basic aerodynamics for general aviation pilots and high school

science students. Describes forces of lift, weight, thrust, and drag in relation to flight.

***HOW DISCRIMINATION COMPLAINTS ARE PROCESSED**
20 min, 2x2 slide set, 1/4 in. audiotape, col 1973
Producer USCSC
Title No. 002107 *Sale* $8.00
Identifies the stages involved in processing complaints of discrimination and explains the essential details under each stage. It describes the rights and responsibilities of the complainant and the agency. It also describes the right of appeal to the civil service commission and the right to file civil action in an appropriate U. S. District Court.

HOW DISEASE TRAVELS
10 min, 16mm film, optical sd, col 1946
Producer USOIAA
Title No. 401750 *Sale* $40.75
Uses animation to show how disease microbes spread by water, flies, and person-to-person contact.
From the *HEALTH FOR THE AMERICAS* series.

HOW DISEASE TRAVELS (SPANISH)
10 min, 16mm film, optical sd, col 1946
Producer USOIAA
Title No. 001870 *Sale* $40.75

HOW MAGNETS PRODUCE ELECTRICITY
4 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN08016B
Title No. 403250 *Sale* $7.75
Shows the use of a magnet field as it affects a single atom, a group of atoms as in a wire, and a wire in a closed circuit with a meter.

HOW SLEEP THE BRAVE
29 min, 16mm film, optical sd, col 1964
Producer USA *Agency No.* TV 623
Title No. 404700 *Sale:* W/DRAWN
Memorializes dead American servicemen.
From the *BIG PICTURE* series.
CLEARED FOR TV.

***HOW TO ADDRESS A LETTER**
44 fr, 35mm filmstrip, record, col 1972
Producer USPOST
Title No. 002954 *Sale* $7.50
Shows Edgar the Eagle describing how a letter moves through our Postal System. Emphasizes the importance of addressing the letter properly in order that it reach its destination without delay. A cartoon character created by the United States Postal Service, Edgar demonstrates in detail the correct way of putting name, address, return address, zip codes and stamp on a letter. Created for use in kindergarten through the 4th grade and for remedial classes.

HOW TO CHECK AND SURFACE FOUNDATIONS
19 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 095
Title No. 405710 *Sale* $39.25
Tells how to check the location of machinery foundations to blueprint specifications, align and level foundations, and surface or smooth foundations.
From the *SHIPBUILDING SKILLS* series. Marine Machinery Installation, No. 1

HOW TO CONDUCT A MEETING
20 min, 16mm film, optical sd, b&w 1951
Producer USA
Title No. 405800 *Sale* $42.50
Shows the proper parliamentary procedures to be followed in conducting a meeting to insure that the decisions will represent the majority.

HOW TO OBSERVE NURSING ACTIVITIES, PT 1
14 min, 16mm film, optical sd, b&w 1960
Producer USNMAC *Agency No.* M-0315
Title No. 001871 *Sale* $25.50
A two-part film to be used as an aid in planning nursing activity observation. Part I shows activities which are routine and easily identified.
RECOMMENDED FOR PROFESSIONAL USE.

***HOW TO OBSERVE NURSING ACTIVITIES, PT 2**
10 min, 16mm film, optical sd, b&w 1960
Producer USNMAC *Agency No.* M-0315
Title No. 408261 *Sale* $17.50
A two-part film to be used as an aid in planning nursing activity observation. Depicts situations involving more complex or difficult to code. Recommended for professional use.

***HOW TO OPERATE THE ARMY 16MM PROJECTOR SET**
31 min, 16mm film, optical sd, b&w 1952
Producer USA *Agency No.* TF11-1752
Title No. 004528 *Sale:* W/DRAWN
Demonstrates operation of the Army 16mm sound projector set, an/pfp-1 (jan) projector.

HOW TO PREVENT PRIVATE VEHICLE ACCIDENTS
25 min, 16mm film, optical sd, b&w 1963
Producer USA *Agency No.* TF20-3317
Title No. 408575 *Sale* $43.75
Tells how 3 elements of a post safety program are implemented--driver education, engineering methods, and effective law enforcement measures.

HOW TO RUN A MAIL ROOM
15 min, 16mm film, optical sd, col 1970
Producer USPO
Title No. 409150 *Sale* $60.00
Highlights some of the areas where mistakes can prove costly to the mail user, such as--the importance of proper facing and bundling of mail, the advantage of experienced mail clerks over part-time and temporary employees, how mail can be misapplied and overcharged, and the advantage of early processing.

***HOW TO SUCCEED WITHOUT REALLY FLYING**
28 min, 16mm film, optical sd, col 1970
Producer USFAA *Agency No.* FA 06-70
Title No. 002108 *Sale* $115.50
Describes what air traffic control offers as a profession, and how it provides rapid career advancement, professional status, high pay, and a rewarding sense of personal achievement.
ESPECIALLY RECOMMENEDED FOR TELEVISION, HIGH SCHOOLS, COLLEGES, AND MILITARY SEPARATION CENTERS.

HOW TO USE NAVIGATIONAL AIDS
7 min, 16mm film, optical sd, col 1944
Producer USN *Agency No.* MN00202AC
Title No. 001873 *Sale* $24.50
Explains how to use navigational aids and interpret the symbols on nautical charts.

HUMAN BODY
7 min, 16mm film, optical sd, col 1945
Producer USOIAA
Title No. 411877 *Sale* $41.00
Uses animation to explain how parts of the body function. Emphasizes the body's need for fresh air and a variety of foods.

HUMAN RADIOACTIVITY MEASUREMENTS
9 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No. 001874 *Sale* $43.50
Shows a method developed at Los Alamos Scientific Laboratory to monitor personnel exposed to the possible intake of gamma-emitting materials and to study the retention and excretion of radioactive isotopes by the body. Points out that the liquid scintillation counter is large enough to contain a man and sensitive enough to detect even the minute amounts of his natural gamma radioactivity.

***HUMAN REPRODUCTION, PT 1 - HOW REPRODUCTION TAKES PLACE**
14 1969
Producer USNMAC *Agency No.* F-1708
Title No. 002110 *Sale* $10.00
Discusses sex characteristics and and functions of the male and female, the menstrual cycle, fertilization, and pregnancy.

***HUMAN REPRODUCTION, PT 3 - HOW REPRODUCTION IS CONTROLLED**
8 fr, 35mm filmstrip, 1/4 in. audiotape, col 1969
Producer USNMAC *Agency No.* E 1710
Title No. 002114 *Sale* $10.00
Discusses control of conception to include the rhythm method, mechanical blockage, chemical blockage, and contraceptive pills.

***HUNGARIAN - BASIC COURSE, UNITS 1-12**
24 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004075 *Sale* $78.00
Cassettes and accompanying text are both available for $80.00.
OTHER FORMAT(S) or VERSION(S)
40 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004076 *Sale* $111.50
Tape set and accompanying text are both available for $113.50.

***HUNGARIAN - BASIC COURSE, UNITS 13-24**
26 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004077 *Sale* $84.50
Cassettes and accompanying text are both available for $87.00.
OTHER FORMAT(S) or VERSION(S)
43 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004078 *Sale* $119.75
Tape set and accompanying text are both available for $122.25.

***HUNGARIAN - GRADED READER**
16 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004079 *Sale* $52.00
Cassettes and accompanying text are both available for $55.75.
OTHER FORMAT(S) or VERSION(S)
32 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004080 *Sale* $89.25
Tape set and accompanying text are both available for $93.00.

HUNGARIAN FIGHT FOR FREEDOM
11 min, 16mm film, optical sd, b&w 1956
Producer USIA
Title No. 413611 *Rental:* W/DRAWN Sale: W/DRAWN
Shows scenes of the 1956 revolt of the Hungarian people in Budapest, its suppression by the Soviet Army, and demonstrations of sympathy in various cities throughout the world.

HURRICANE CALLED BETSY, A
29 min, 16mm film, optical sd, b&w 1966
Producer USOCD *Agency No.* DODCD20-251
Title No. 001875 *Sale* $50.25
Tells the story of a storm called Hurricane Betsy, the people who fought it, their victories and their losses.

HURRICANE CIRCUIT
23 min, 16mm film, optical sd, b&w 1949
Producer USDS
Title No. 414402 *Sale* $48.75
Traces the path of a hurricane through the Caribbean and the Gulf of Mexico, and explains the work of the U S Weather Bureau in predicting the course of the hurricane and issuing precautionary and emergency storm warnings.

HURRICANE HUNTERS
14 min, 16mm film, optical sd, b&w 1956
Producer USN *Agency No.* MN08339
Title No. 001876 *Sale* $25.50
Describes the hurricane hunting activities of Airborne Early Warning Squadron Four.
OTHER FORMAT(S) or VERSION(S)
21 min, 16mm film, optical sd, b&w 1961
Producer USN *Agency No.* MN09422
Title No. 001877 *Sale* $37.00

HYDRAULIC BRAKE SYSTEM, THE
12 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 483
Title No. 414560 *Rental* $7.50 Sale $22.25
Shows how to check brake pedal travel, how to examine the brake lining, how to adjust the brake shoes and how to inspect and adjust the hydraulic brake fluid system.

HYDRAULIC CONTROLS IN THE HYDRAMATIC TRANSMISSION
26 min, 16mm film, optical sd, b&w 1955
Producer USA *Agency No.* TF09-1992
Title No. 001878 *Sale* $45.50
Explains and demonstrates the basic shifting patterns in hydramtic transmission. Using animated sequences, demonstration models, and live action, shows how hydraulic controls are applied in each phase of upshifting.

HYDRAULIC STEERING, PRINCIPLES OF OPERATION
14 min, 16mm film, optical sd, b&w 1956
Producer USA *Agency No.* TF09-2254
Title No. 001879 *Sale* $24.50
Explains the operating principles of the hydraulic steering assist mechanism by illustrating the functions of its major components-reservoir, pump, relief valve, control valve, and power cylinder- and shows how these components, acting on the principle of preserve differential, deliver the steering assist.

HYDROA VACCINIFORME
8 min, 16mm film, optical sd, col 1962
Producer ILDS
Title No. 004529 *Sale:* W/DRAWN
Shows a rare combination of dwarfism, idiocy, hypersensitivity to light, and reactive porphyria on exposure to ultraviolet light. Discusses the relationship of this disease to other congenital anomalies.

HYDROGRAPHIC SURVEY OPERATIONS
17 min, 16mm film, optical sd, col 1966
Producer USN *Agency No.* MN10193A
Title No. 414834 *Sale* $58.50
Geodesy and planning updated methods of obtaining geodetic control as the primary step in conducting a hydrographic survey.

HYDROGRAPHIC SURVEY OPERATIONS - HYDROGRAPHIC CONTROL AND SOUNDING OPERATIONS
17 min, 16mm film, optical sd, col 1966
Producer USN *Agency No.* MN101193C
Title No. 414836 *Sale* $58.50
Shows updated methods of conducting an off-shore hydrographic survey.

HYDROGRAPHY FOR CHARTING - POSITION FIXING
12 min, 16mm film, optical sd, col 1951
Producer USN *Agency No.* MN07337A
Title No. 414825 *Sale* $42.00
Describes the theory and practice of determining a vessel's position by three methods of hydrographic surveying-three point fix, radar ranging, and hyperbolic radio interference grids.

HYDROGRAPHY FOR CHARTING - SOUNDING DRAGGING
12 min, 16mm film, optical sd, col 1951
Producer USN *Agency No.* MN07337B
Title No. 414828 *Sale* $42.00
Describes the methods of determining the depth of water and the instrumentation required. Also explains to guarantee obstruction-free depth of water. The equipment and techniques employed in wire dragging

HYDROTHERAPY
22 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 410
Title No. 414840 *Sale* $46.25
Tells how to administer sedative baths, wet-sheet packs, tonic showers, douches, sprays, special types of therapeutic baths, rehabilitation hydrotherapy in the hubbard bath and

rehabilitation pool, and describes physiological effects of hydrotherapy upon the body.
From the *NURSING* series.

***HYGIENE FOR MEN - THE DECISION IS YOURS**
29 min, 16mm film, optical sd, col 1969
Producer USN *Agency No.* MN10198B
Title No. 414844 *Sale* $115.50
Presents a series of factual vignettes on the importance of exercising self-control in matters of sex, drinking, drug use and smoking.

HYGIENIC PROCEDURES FOR THE AMPUTEE
6 min, 16mm film, optical sd, col 1970
Producer USNMAC *Agency No.* M-1788
Title No. 414849 *Sale* $23.50
Presents the proper hygienic procedures which must be followed by the patient with an amputation for daily cleansing of the stump, stump sox or bandage, and the prosthesis itself.

HYMN OF THE NATIONS
28 min, 16mm film, optical sd, b&w 1944
Producer USOWIO
Title No. 414850 *Sale* $58.50
Shows Arturo Toscanini conducting the NBC Symphony Orchestra in a radio broadcast of Verdi's Overture to 'Forza Del Destino.' The narrator recounts the contributions of Toscanini and other great Italians to democracy, and Toscanini conducts the NBC Symphony, the westminster choir, and Jan Peerce in a radio broadcast of Verdi's 'Hymn of the Nations.'

I HEAR THE CARPENTER SINGING
11 min, 16mm film, optical sd, b&w 1963
Producer USIA *Agency No.* 01-02584
Title No. 415480 *Rental:* W/DRAWN Sale: W/DRAWN
Tells the story of a young Mexican-American carpenter in Los Angeles, California, who earns journeyman's status through night school and on-job apprenticeship training. Presents vocational and economic opportunities which are made available through enlightened labor-management in a free enterprise system.

I IN INFANTRY, THE - THE INDIVIDUAL
29 min, 16mm film, optical sd, col 1967
Producer USA *Agency No.* TV 711
Title No. 004530 *Sale:* W/DRAWN
Describes development of an infantry soldier and shows how his unit depends upon him as an individual.
From the *BIG PICTURE* series.

***I WANNA KNOW**
1 min, s8mm cartridge, optical sd, col
Producer USBEH
Title No. 003401 *Sale* $16.75
Sold only in cartridge with a chart story. Presents short insights into home and school education of the profound hearing impaired.

***ICE**
12 min, 16mm film, optical sd, col 1970
Producer USCG
Title No. 001880 *Sale* $50.50
Portrays ice as one of man's oldest challenges and describes Coast Guard acceptance and response to the challenge. Shows the service, over the last 100 years, in the vanguard of polar exploration and development and carrying out the International Ice Patrol in the North Atlantic shipping lanes and assisting movement of waterborne commerce in domestic waterways.
CLEARED FOR TV.

ICELAND
23 min, 16mm film, optical sd, b&w 1954
Producer USDOD *Agency No.* AFIF 0065
Title No. 416365 *O/PRINT*
Provides a study of Iceland, covering its historical background, shows its significance in Western defense plans.
THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY.

IDENTIFICATION OF EARLY SYPHILIS
24 min, 16mm film, optical sd, col 1961
Producer USNMAC *Agency No.* M-0507
Title No. 001881 *Sale* $81.50
A simulated medical school lecture on the subject of identification of early syphilis. Stresses the importance of suspecting syphilis in office patients, discussing the necessity of being able to recognize the signs of early syphilis, and the need for prompt and effective epidemiology. Includes rear-projected clinical slides.

IDENTIFICATION OF EARLY SYPHILIS (SPANISH)
24 min, 16mm film, optical sd, col
Producer USNMAC *Agency No.* M-0507
Title No. 001882 *Sale* $81.50
clinical slides. A simulated medical school lecture on the subject of identification of early syphilis. Stresses the importance of suspecting syphilis in office patients, discussing the necessity of being able to recognize the signs of early syphilis, and the need for prompt and effective epidemiology. Includes rear-projected

***IDENTIFICATION OF SOME COMMON SUCKING LICE**
9 min, 35mm filmstrip, 1/4 in. audiotape, b&w 1948
Producer USNMAC *Agency No.* 5-097
Title No. 002216 *Sale* $6.00
Explains the morphological characteristics used to identify six genera and eight species of the more common lice in the United States.
From the *FILMSTRIP* series--Typhus Control.

IDENTIFYING AND PRECUTTING CABLE
19 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 112
Title No. 416760 *Sale* $40.50
Describes characteristics of VCLA cable used in merchant ships. Tells how to compute cable size for identification and how to indentify and precut cable.
From the *SHIPBUILDING SKILLS* series. Marine Electricity, No. 3

IF I WERE YOU
44 min, 16mm film, optical sd, b&w 1957
Producer USAF *Agency No.* TF01-5209
Title No. 001883 *Sale* $74.75
Demonstrates basic human relationships through a series of typical situations encountered by an Air Force Officer, and illustrates through individual stories the successful application of the roleplaying method to real life problems.

***IGBO - BASIC COURSE**
21 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004081 *Sale* $68.25
For information concerning purchase of accompanying text, write to National Audiovisual Center, Information Branch for Listing G034
OTHER FORMAT(S) or VERSION(S)
37 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004082 *Sale* $103.00
For information concerning purchase of accompanying text, write to National Audiovisual Center, Information Branch for NACI Listing G034.

IGNITION AND SPARK PLUG
12 min, 16mm film, optical sd, b&w 1944
Producer USAF *Agency No.* TF01-4137
Title No. 001884 *Sale* $50.75
Explains the construction and care of the aircraft spark plug, and analyzes the function of the primary, secondary, breaker, condenser, and distributor.

IMAGE CHANGERS, THE
28 min, 16mm film, optical sd, b&w 1968
Producer USOJD
Title No. 417645 *Sale* $68.00
Discusses the relationships between the community, the police, and youth.

IMMEDIATE CUSTOM IMPLANT FOR THE MANDIBLE
13 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No.* D-83
Title No. 001885 *Sale* $51.75
Sections of the mandible, lost through injury or disease, can be satisfactorily replaced with an immediate, custom fitted implant of surgical vitalium. The abutments of the prosthesis are fabricated at time of surgery using a rapid-jel casting procedure.

IMMEDIATE MAXILLARY ANTERIOR ACRYLIC FIXED BRIDGE WORK IN THE SHOP
19 min, 16mm film, optical sd, col 1945
Producer USN *Agency No.* MN04352B
Title No. 001886 *O/PRINT*
Demonstrates precision casting, molding several teeth as one unit, process of tooth extraction, final bridge work insertion.
THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY.

IMMEDIATE POST-SURGICAL PROSTHETICS
43 min, 16mm film, optical sd, col 1966
Producer USVA
Title No. 418091 *Sale* $143.50
Outlines the principles employed in the management of amputees in which the prosthesis is applied to the amputation stump immediately following wound closure. The details of surgery, post-operative treatment and training are presented. A detailed case history of one below-knee amputee is shown and other types of cases are summarized briefly.

IMPRESSION OF JOHN STEINBECK, AN - WRITER
22 min, 16mm film, optical sd, col 1969
Producer USIA *Agency No.* 01-11827
Title No. 418965 *Rental:* W/DRAWN Sale: W/DRAWN
Provides series of vignettes on the life of John Steinbeck.

IMPRESSIONABLE YEARS, THE
35 min, 16mm film, optical sd, b&w 1952
Producer USIA *Agency No.* 04-11444
Title No. 419200 *Rental:* W/DRAWN Sale: W/DRAWN
Presents the story of a Hungarian family which emigrated to the United States under the sponsorship of a Catholic refugee agency. Shows their experiences in the new country, their adjustments, and what this country means to them.

IMPRESSIONS FOR REMOVABLE PARTIAL DENTURES
37 min, 16mm film, optical sd, col 1964
Producer USA *Agency No.* PMF 5377
Title No. 001887 *Sale* $124.00
Demonstrates the details of impression making for removable partial dentures.

IMPRESSIONS OF JAPAN
15 min, 16mm film, optical sd, b&w 1955
Producer USIA *Agency No.* 36-00577
Title No. 419380 *Rental:* W/DRAWN Sale: W/DRAWN
Presents the impressions of William Faulkner during his visit to Japan to participate in a USIS-SPONSORED American Literature Seminar. Based on an essay the novelist wrote prior to his departure from Japan.

IMPROVING THE JOB
9 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 163
Title No. 419770 *Rental* $5.00 Sale $15.75
Shows a supervisor asking an employee for work-improvement suggestions. The employee talks the problem over with his father and sister, obtains their advice, and makes some worthwhile suggestions.
From the *PROBLEMS IN SUPERVISION* series.

IN A TRADITION OF HEROES
26 min, 16mm film, optical sd, col 1966
Producer USMC *Agency No.* MH09969
Title No. 419960 *Sale* $126.75
Shows the role of Marine detachments aboard ship, how and where they live, and their responsibilities as a gun crew. Depicts early history of shipboard Marines.

IN CARLA'S WAKE
28 min, 16mm film, optical sd, col 1964
Producer USAE
Title No. 001888 *Sale* $175.00
Shows the aftermath of Hurricane Carla (September, 1961) that left nearly one-half billion dollars of property damages on the Texas coast.

***IN COMMON CAUSE**
20 min, 16mm film, optical sd, col 1945
Producer USDA *Agency No.* 950
Title No. 420190 *Sale* $37.00
Shows what soil conservation districts have accomplished, how they are formed and operated and the big job left to be done in this vital program for increasing crop production and saving soil.

IN HONOR OF LIBERTY
19 min, 16mm film, optical sd, b&w 1957
Producer USDOD *Agency No.* AFIF 0077
Title No. 420410 *O/PRINT*
Presents a Corporal in the U S Army describing his first visit to the Statue of Liberty and his feelings concerning its meaning--that men shall be free.

IN SEARCH OF LINCOLN
20 min, 16mm film, optical sd, col 1959
Producer USIA *Agency No.* 01-02552
Title No. 420480 *Rental:* W/DRAWN Sale: W/DRAWN
Covers Lincoln's life before his election to the Presidency by showing the sites of his birth, farm home and early jobs. Includes his election to Congress and the Lincoln-Douglas debates. Portrays the American concept of Lincoln's greatness, unique place in history, and leadership in behalf of democratic and human values.

***IN SELF DEFENSE**
28 min, 16mm film, optical sd, col 1973
Producer USNIH
Title No. 003525 *Sale* $113.50
Describes what several high blood pressure programs are doing around the country to help control this major national health problem. Points out dangers of high blood pressure and treatments for condition.

***IN SIGHT OF THE GIANT STEPS**
40 fr, 35mm filmstrip, 1/4 in. audiotape, col 1967
Producer USNASA
Title No. 002268 *Sale* $10.00
Tells the story of space exploration through the paintings and sketches of leading contemporary American artists. Produced for art and social studies as well as science, with assistance from the National Gallery of Art. Includes audiotape and teacher guide.

***IN THE BEGINNING**
17 min, 16mm film, optical sd, b&w 1937
Producer USDA *Agency No.* 691
Title No. 420530 *Sale* $41.00
Portrays the ovulation, fertilization and early development of the mammalian egg. Includes scenes of spermatozoa attacking the ovum, and time-lapse microphotographs of cell division in the fertilized egg.

IN THE NATIONAL INTEREST
60 min, 16mm film, optical sd, col 1963
Producer USOE *Agency No.* OE 498
Title No. 420770 *Rental* $17.00 Sale $201.75
Covers the work of State Department education supervisors of foreign languages, the National Defense Educational Act Foreign Language Institutes, instruction in heretofore 'neglected languages,' and research underway dealing with foreign languages.

IN TIME OF EMERGENCY
26 min, 16mm film, optical sd, col 1970
Producer USDOD *Agency No.* DODCD20-272
Title No. 420045 *Sale* $81.50
Highlights basic lifesaving information every American needs to prepare for the possibility of nuclear attack--facts about fallout, types of public and private shelters, how to improvise

* INDICATES NEW ENTRY

fallout protection, attack warning, emergency supplies, reducing the fire hazard, and actions to take if caught in the open.

IN VITRO PATHOGENICITY TEST FOR C. DIPHTHERIAE
7 min, 16mm film, optical sd, col [illegible]965
Producer USNMAC *Agency No.* M-[illegible]76
Title No. 001889 *Sale* $22.75
Shows preparation of materials and interpretation of results of test to determine toxigenic strains of C. Diphtheriae.

IN VITRO TOXIGENICITY TEST FOR C. DIPHTHERIAE
12 min, 16mm film, optical sd, col 1950
Producer USNMAC *Agency No.* M-0972
Title No. 002237 *Sale* $42.00
Demonstrates techniques for administering the in vivo toxigenicity test for C. Diphtheriae, either to confirm results in the in vitro test, or as a matter of preference

IN WHICH WE LIVE
23 min, 16mm film, optical sd, b&w 1958
Producer USIA
Title No. 421095 *Rental:* W/DRAWN Sale: W/DRAWN
Describes the cooperative effort of the 64 nations participating in the scientific projects of the International Geophysical Year. Explains the three major phases of the IGY activity--study of the Earth's surface and core, of the Earth's atmosphere, and of outer space.

IN-PILE LOOP TESTS OF HOMOGENEOUS REACTOR MATERIALS
25 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No. 001891 *Sale* $104.00
Describes a typical in-pile loop experiment in the radiation-corrosion program of the homogeneous reactor project at the AEC's Oak Ridge National Laboratory. Particular emphasis is given to the equipment and experimental procedures used in evaluating effects of nuclear radiation on corrosion of metals and alloys exposed to an approximation of the environment in a circulating-fuel aqueous homogeneous reactor.

***INAUGURATION OF JOHN F KENNEDY - 35TH PRESIDENT OF THE UNITED STATES**
18 min, 16mm film, optical sd, col 1961
Producer USIA
Title No. 421125 *Rental* $10.00 Sale: W/DRAWN
Documents the inauguration of John F Kennedy, 35th President of the United States, Washington, D C, 1961. contains the inaugural address statement 'Ask not what your country can do for you' and statements concerning the Peace Corps plans. Includes scenes of former President Eisenhower, Vice-President Johnson, various national and international dignitaries, the parade, balls and other events.

***INCIDENTAL CORRECTION OF SPEECH**
2 min, 8mm cartridge, optical sd, col
Producer USBEH
Title No. 003402 *Sale* $19.25
Sold only in a cartridge with vocal approach and pitch. Presents short insights into home and school education of the profound hearing impaired.

INCINERATION
13 min, 16mm film, optical sd, col 1960
Producer USNMAC *Agency No.* M-0353
Title No. 002238 *Sale* $45.25
A filmograph which discusses the principles of incineration and explains the method as a means of sanitary refuse disposal.

***INCISION AND IRRIGATION OF TRAUMATIC CATARACT**
6 min, 16mm film, optical sd, col 1971
Producer USA *Agency No.* PMF-5436
Title No. 002267 *Sale* $25.50
Shows the detailed procedure for the treatment of traumatic cataract by irrigation of the lens from the posterior chamber through a small corneal incision.
SUGGESTED FOR PROFESSIONAL GROUPS ONLY.

INDENTATION TONOMETRY TECHNIQUE IN GLAUCOMA DETECTION
7 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1286
Title No. 001892 *Sale* $24.50
Depicts the use and maintenance of the tonometer in performance of the glaucoma screening test.

INDEPENDENCE DAY, U S A
10 min, 16mm film, optical sd, col 1965
Producer USIA *Agency No.* 01-02632
Title No. 421625 *Rental:* W/DRAWN Sale: W/DRAWN
Depicts various ways Americans celebrate the '4th of July,' such as parades, speech-making, family get-togethers and resting. Reviews the original Independence Day.

INDEPENDENT AMBULATION AND ELEVATION ACTIVITIES OF THE HEMIPLEGIC PATIENT
10 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1334
Title No. 001893 *Sale* $34.00
Illustrates proper teaching methods to be used with the hemiplegic patient as he progresses to the use of a care for independent ambulation, curb, ramp, and stair climbing.

INDEPENDENT COMMERCIAL RADIO STATION
18 min, 16mm film, optical sd, b&w 1952
Producer USDA
Title No. 421633 *Rental* $7.50 Sale $38.50
Shows the day-by-day operation of a local commercial radio station in the United States.

***INDIAN FOR A CHANGE**
28 min, 16mm film, optical sd, col 1970
Producer USDL
Title No. 001894 *Sale* $117.25
Corrects old and romantic stereotypes by presenting candid, insightful portraits of five young Indian men and women as recognizable human beings.

***INDIAN TO INDIAN**
26 min, 16mm film, optical sd, col 1970
Producer USDL
Title No. 002269 *Sale* $117.25
Shows Indians who are part of the work force explaining their lives and work. Describes how, though part of the work force, they retain their tribal heritages. Directed toward young Indians.
From the *CAREER JOB OPPORTUNITY FILM* series.

INDICATIONS FOR A THERAPEUTIC ABORTION
31 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No.* T-1720
Title No. 423775 *Sale* $64.25
Presents the pros and cons of more liberal abortion laws. (Kinescope)
From the *CONCEPTS AND CONTROVERSIES IN MODERN MEDICINE Series.*

INDIVIDUAL SPEECH
8 min, 16mm film, optical sd, col 1970
Producer USBEH
Title No. 424111 *Sale* $47.25
Examines individual speech instruction at preschool and nursery level in Sint Michielsgestel.
From the *INTERNATIONAL EDUCATION OF THE HEARING Impaired Child Series.*

INDUCTANCE
31 min, 16mm film, optical sd, b&w 1943
Producer USAF *Agency No.* TVK 30-205
Title No. 424450 *Sale* $64.25
Discusses the physical factors of a coil which affect inductance values. Gives definitions and symbols of inductance and types of induction. Demonstrates electromagnetic principles and relates these principles to the principles of induction. Solves for total inductance in series and parallel connections. (Kinescope)

* INDICATES NEW ENTRY

INDUCTIVE REACTANCE

24 min, 16mm film, optical sd, b&w 1942
Producer USAF *Agency No.* TVK 30-206A
Title No. 424475 *Sale* $50.75

Describes and shows the symbols for audio, RF, and power chokes. Discusses the physical characteristics of chokes, and shows and explains the relationship between voltage and current in an inductor. Concludes with a discussion of the three types of power losses. (Kinescope)

OTHER FORMAT(S) or VERSION(S)

25 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-206B
Title No. 424476 *Sale* $52.50

INDUSTRIAL APPLICATIONS OF NUCLEAR EXPLOSIVES

11 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No. 001895 *Sale* $48.50

Compares nuclear and chemical explosives in such projects as harbor development, economical recovery of low-grade ore bodies, release of petroleum from oil shale, underground production of steam to generate power, and development of large underground reserviors in arid areas.

INDUSTRIAL APPLICATIONS OF RADIOISOTOPES

57 min, 16mm film, optical sd, col 1961
Producer USAEC
Title No. 000958 *Sale* $175.00

Surveys the current uses of radioisotopes throughout American industry. Describes and snows examples of three major areas of use-nuclear gauging (thickness, density, and level), radiography and tracing. Covered briefly are luminescence, static elimination, isotopic power, and uses of highintensity radiation. Uses animation to explain basic principles. Includes examples of in-plant uses.

INDUSTRIAL DEFENSE SURVEYS, PT 1, INTRODUCTION

8 min, 16mm film, optical sd, b&w 1967
Producer USA *Agency No.* TF19-3715
Title No. 001897 *Sale* $14.25

Defines the objectives and criteria of the Industrial Defense Survey Program, and describes the preparations which must be made by the Industrial Defense Survey Officer.

INDUSTRIAL DEFENSE SURVEYS, PT 2, CONDUCTING THE SURVEY

20 min, 16mm film, optical sd, b&w 1967
Producer USA *Agency No.* TF19-3716
Title No. 001898 *Sale* $35.25

Describes the pertinent aspects of an on-site Industrial defense Survey made by an Industrial Defense Survey Officer accompanied by a plant's Industrial Defense Co-ordinator.

INDUSTRIAL HYGIENE - RIGHT MAKES SAFE

19 min, 16mm film, optical sd, col 1968
Producer USN *Agency No.* MN10295
Title No. 424575 *Sale* $78.00

Describes dangers to ears, skin, eyes and the respiratory system and shows preventive measures and equipment for elimination risks.

INDUSTRIAL PLANT PROTECTION

29 min, 16mm film, optical sd, b&w 1953
Producer USA *Agency No.* TF19-1847
Title No. 001899 *Sale* $50.25

Explains the basic principles, standards, and elements of physical security applicable to plants engaged in defense production. Prepared for use by military and civilian security officers and guards.

INERT GAS SHIELDED ARC WELDING MACHINE OPERATION AND MAINTENANCE

28 min, 16mm film, optical sd, b&w 1961
Producer USA *Agency No.* TF09-3135
Title No. 001900 *Sale* $48.75

Describes the features, operation, and maintenance of metal inert gas and tungsten inert gas shielded arc welding equipment which can be used for welding ferrous and nonferrous metals.

INFANT AND CHILD CARE

14 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No.* M-0805
Title No. 425340 *Sale* $47.00

Teaches the individual how to take care of his medical and health needs in time of disaster when medical assistance might not be readily available.

From the *MEDICAL SELF-HELP* series.

REQUEST WRITTEN PERMISSION FROM THE CHIEF OF TRAINING, DIVISION OF EMERGENCY HEALTH SERVICES, HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION, U S DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, 6525 BELCREST ROAD, WEST HYATTSVILLE, MARYLAND 20782. AFTER PERMISSION HAS BEEN OBTAINED, ATTACH TO THE PURCHASE ORDER A STATEMENT OF APPROVAL AND SEND TO N A C.

INFANT CARE AND FEEDING

9 min, 16mm film, optical sd, col 1946
Producer USIAA *Agency No.* 08-10434
Title No. 001901 *Rental* $7.50 Sale $37.25

Uses animation to show things mother should do during the prenatal period, while baby is nursing and when baby changes from a liquid to a solid diet.

From the *HEALTH FOR THE AMERICAS* series.

INFECTIOUS DIARRHEAS, THE

15 min, 16mm film, optical sd, col 1960
Producer USNMAC *Agency No.* M-00373
Title No. 425380 *Sale* $51.75

Discusses the overall problems involved in the control of some enteric diseases. Particularly useful for the general audience.

INFECTIOUS DIARRHEAS, THE (SPANISH)

15 min, 16mm film, optical sd, col 1960
Producer USPHS *Agency No.* M-0538-SP
Title No. 001903 *Sale* $51.75

Discusses the overall problems involved in the control of some enteric diseases.

INFECTIOUS HAZARDS IN THE LABORATORY - SAFE USE OF THE SYRINGE

16 min, 16mm film, optical sd, col
Producer USNMAC *Agency No.* M-1297
Title No. 425420 *Sale* $21.25

Demonstrates many of the hazards encountered in the use of the syringe for inoculation of animals with infectious material. Emphasis is given to the proper procedures to be followed in selecting and filling the syringe, inoculation techniques, and disposal of contaminated syringes.

INFECTIOUS HAZARDS OF BACTERIOLOGICAL TECHNIQUES

13 min, 16mm film, optical sd, col 1951
Producer USNMAC *Agency No.* M-0382
Title No. 006388 *Sale* $74.00

Shows techniques and procedures used in the bacteriological laboratory are presented, showing the dangers of infection inherent in such operations and means for minimizing or elimination of such dangers. Safety cabinets are advocated when performing hazardous operations with infectious micro-organisms.

INFECTIOUS HEPATITIS

40 min, 16mm film, optical sd, b&w 1965
Producer USNMAC *Agency No.* T-1827-X
Title No. 001904 *Sale* $81.00

Emphasizes the epidemiology of viral hepatitis with a broad discussion of the practices in the dissemination of the diseases. Describes the importance of improper hygienic practices in the dissemination of infectious hepatitis and the risk of homologous serum hepatitis and Raymond S Koff, MD, Tufts University school of after blood transfusion and tissue-penetrations with contaminated equipment.

INFECTIOUS HEPATITIS - UNWANTED SOUVENIR

19 min, 16mm film, optical sd, col 1968
Producer USN *Agency No.* MN10394
Title No. 001951 *Sale* $65.00

Tells how infectious hepatitis affects its victims and how it is spread. Provides guides for eating in public restaurants and for food preparation at home and aboard ships. Especially useful to personnel and dependents living and on liberty overseas.

INFECTIOUS MONONUCLEOSIS
30 min, 16mm film, optical sd, b&w
Producer USNMAC *Agency No.* T-1850-X
Title No. 001952 *Sale* $60.50
Discusses epidemiologic studies needed in this disease, along with its unknown but probable viral etiology. Emphasizes its varied hematologic and immunologic aspects. By William Damesheck, MD, and Louis Weinstein, MD, Tufts University School of Medicine. (Kinescope)

INFECTIVE LARVAE OF ANCYCLOSTOMA CANINUM
5 min, 16mm film, optical sd, b&w 1952
Producer USNMAC *Agency No.* M-0114
Title No. 001953 *Sale* $9.25
Portrays the form of infective larvae of the dog hookworm and their behavior on soil particles. A study film.
RECOMMENDED FOR PROFESSIONAL USE.

INFECTIVE LARVAE OF WUCHERERIA BANCROFTI
4 min, 16mm film, silent, col 1947
Producer USNMAC *Agency No.* 04-00059
Title No. 001954 *Sale* $14.75
Cinemicrography of activity of infective larvae of Wuchereria bancrofti from mosquitoes infected with microfilariae (diurna) from Society Islands infection.
RECOMMENDED FOR PROFESSIONAL USE.

INFEED GRINDING A SHAFT OF TWO DIAMETERS
31 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 088
Title No. 425430 *Rental* $10.00 Sale $53.50
Explains how to profile-grind shafts by the infeed method, use cams in profiling the regulating wheel and grinding wheel, install cams, profile the wheels, set up the centerless grinding machine for the job, and rough-and finish-profile grind.
From the *MACHINE SHOP WORK* series. Operations on the Centerless Grinding Machine, No. 4

INFEED GRINDING SHOULDERED WORK
23 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 087
Title No. 425450 *Rental* $10.00 Sale $40.50
Describes principles of infeed grinding. Tells how to use an automatic ejector, tilt the regulating wheel, adjust the endstop, position the work for grinding, and correct work ground out of round. Tells how to check work with V block, indicator, and micrometer.

INFLUENZA VIRUS ISOLATION
6 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No.* M-0778
Title No. 001955 *Sale* $21.25
Demonstrates technique of virus isolation from clinical speimens by growing in embryonated eggs.

INFORMATION EXPLOSION, THE
34 min, 16mm film, optical sd, b&w 1966
Producer USOE
Title No. 425815 *Rental* $12.50 Sale $71.50
Suggests the spirit of the revolution in communication that has made it possible for any information, verbal and pictorial, to be stored, duplicated, transferred or transformed, distributed, and received over distances and with speeds unimagined by the human mind a few decades ago. It is concerned with how this flood of information may be responsibly processed, and with the effects of it all on the lives of children.
From the *COMMUNICATION THEORY AND THE NEW EDUCATIONAL MEDIA* Series.

***INHERITORS, THE**
27 min, 16mm film, optical sd, b&w 1967
Producer USIA *Agency No.* 04-02523
Title No. 004531 *Rental:* W/DRAWN Sale: W/DRAWN
Shows how Job Corps camps in the United States develop der-skilled and under-educated young men. Points out that this retraining and movement into the economic mainstream is important to the War on proverty.

INJECTION MOLDING, PT 1, SETTING UP THE PRESS AND MOLDING A PART
14 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 472
Title No. 426200 *Rental* $7.50 Sale $28.50
Explains what happens in the plunger cylinder, heating cylinder and mold during injection molding. Shows how to set up an injection molding press for a specified job, maintain the operating cycle and prevent damage.
From the *PLASTICS* series. No. 7

INJECTION MOLDING, PT 2, CLEANING AND SERVICING THE PRESS
12 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 473
Title No. 426201 *Rental* $7.50 Sale $22.25
Demonstrates how to disassemble the heating cylinder and clean the cylinder, hopper and feeder mechanism. Shows how to prepare scrap material for re-use.
From the *PLASTICS* series. No. 8

INJECTION NOZZLE
10 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN03691H
Title No. 001957 *Sale* $17.50
Shows how to test and check injection pressure and disassemble, clean, and reassemble injection nozzle.

INJECTOR BLOCK RECONDITIONING AND REASSEMBLY
18 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN02364N
Title No. 001958 *Sale* $32.00
Tells how to clean parts, lap valve seats, remove lapping compound, reassemble all valve parts in the injector block, and reassemble auxiliary parts in the injector block.

INJECTOR BLOCK REMOVAL AND DISASSEMBLY
15 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN02364M
Title No. 001959 *Sale* $27.00
Describes how to put throttle in closed position, remove inspection window and injector block, and complete disassembly of the injector block and valve parts at a work bench.

INJECTOR BLOCK REPLACEMENT AND TIMING
13 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN02364O
Title No. 001960 *Sale* $23.75
Demonstrates how to replace the injector block and connecting lines, and explains in detail how to set the injector lifts.

INJECTOR RACK SETTING FOR GM DIESEL SERIES 71 ENGINE
4 min, 16mm film, optical sd, b&w 1956
Producer USA *Agency No.* TF55-2369
Title No. 001961 *Sale* $9.50
Gives procedure to insure adequate fuel for each cylinder, adjusting buffer screw, placing injector in rack and adjusting, and securing locking screws.

INJECTOR TIMING FOR GM DIESEL SERIES 71, USING 70MM, 80MM AND 90MM INJECTORS
5 min, 16mm film, optical sd, b&w 1956
Producer USA *Agency No.* TF55-2368
Title No. 001962 *Sale* $11.25
Surveys conditions that necessitate injector timing. Gives timing procedures, with particular attention to proper use of timing tool J-1853. Shows adjustment of rocker arm assembly and injector timing.

INNERBOTTOM SECTIONS - SUBASSEMBLY OF A CLOSED FLOOR, SUBASSEMBLY OF AN OPEN FLOOR
18 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No.* OE 025
Title No. 426460 *Sale* $37.50
Tells how the keel, longitudinal girders, transverse side stiffeners, and tank stops form the innerbottom of a ship. Shows

how to lay out and install closed floor and open floor sections, and to weld stiffeners to the floors.
From the *SHIPBUILDING SKILLS* series. Work of Shipfitter and Shipwright, No. 2

INNERBOTTOM, THE - SETTING UP FLOORS AND LONGITUDINALS
18 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No.* OE 026
Title No. 000789 *Sale* $37.50
Tells how to fair the keel, set and fit transverse floors, and set, fit, and weld longitudinal girders.
From the *SHIPBUILDING SKILLS* series. Work of Shipfitter and Shipwright, No. 3

INNOCENT PARTY, THE (SPANISH)
18 min, 16mm film, optical sd, col 1959
Producer USNMAC *Agency No.* M-0683
Title No. 001964 *Sale* $61.75
Presents the case history of a teen-ager who contracts venereal disease from a casual contact and transmits it to his girl friend. Shows the emotional effects of the disease, and stresses the necessity of prompt medical attention.

•INSECT ENEMIES
7 min, 16mm film, optical sd, col 1947
Producer USIIAA
Title No. 427040 *O/PRINT*
Explains the destructive effects of insects on crops, and suggests practical measures for farmers to use in controlling and destroying pests.

INSECTS AS CARRIERS OF DISEASE
10 min, 16mm film, optical sd, col 1945
Producer USOIAA
Title No. 002239 *Rental* $7.50 Sale $40.75
Shows the fly, mosquito and louse as carriers of dysentery, malaria and typhus. Illustrates how these insects spread disease and what should be done to get rid of them. An animated film.
From the *HEALTH FOR THE AMERICAS* series.

•INSECTS AS CARRIERS OF DISEASE (FRENCH)
9 min, 16mm film, optical sd, col 1945
Producer USOIAA
Title No. 427600 *Rental:* W/DRAWN Sale: W/DRAWN
Shows the fly, mosquito and louse as carriers of dysentery, malaria and typhus. Illustrates how these insects spread disease and what should be done to get rid of them. An animated film.
From the *HEALTH FOR THE AMERICAS* series.

•INSECTS AS CARRIERS OF DISEASE (SPANISH)
9 min, 16mm film, optical sd, col 1945
Producer USOIAA
Title No. 004532 *Rental* $7.50 Sale $40.75
Shows the fly, mosquito and louse as carriers of dysentery, malaria and typhus. Illustrates how these insects spread disease and what should be done to get rid of them. An animated film.
From the *HEALTH FOR THE AMERICAS* series.

INSIDE STORY, THE
15 min, 16mm film, optical sd, col
Producer USSBA
Title No. 427915 *Rental* $10.00 Sale $51.75
Illustrates steps which can be taken to limit or prevent pilferage by plant employees. Reveals that an old, trusted employee can be guilty.

INSIDE THE CELL, PT 1, ENZYMES IN INTRACELLULAR CHEMISTRY
45 min, 16mm film, optical sd, col 1949
Producer USA *Agency No.* PMF 5077A
Title No. 001966 *Sale* $153.00
Presents a study of the theory of enzymes, showing by animated drawings the better known steps in glucose metabolism, and portraying by live action photography laboratory techniques practiced by several Nobel prize-winners.

INSIDE THE CELL, PT 2, REGULATION OF ENZYMES
43 min, 16mm film, optical sd, col 1949
Producer USA *Agency No.* PMF 5077B
Title No. 001967 *Sale* $143.50
Explains the factors regulating enzyme action. Shows a laboratory demonstration of feeding radioactive acetate to rates. Discusses the effects of drugs on enzymes, the action of antimetabolites, glycolysis and Kreb's cycle. Pictures the chemical action inside a cell.

INSOMNIA
20 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No.* MN03428E
Title No. 001968 *Sale* $35.25
Stresses that insomnia is the result of worries, often minor, and of being 'wound up too tight'. Demonstrates a method of relaxing all parts of the body and coaxing oneself to go to sleep.

INSPECTING AND ADJUSTING HYDRAULIC BRAKES
13 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 255
Title No. 428175 *Sale* $28.50
Tells how to inspect the hydraulic brake system, bleed the hydraulic brakes, add fluid to the hydraulic system reservoir, and check the brakes.

INSPECTING AND RECONDITIONING PISTON ASSEMBLY
22 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 263
Title No. 428200 *Sale* $46.25
Explains how to clean, inspect and recondition the piston assembly. Shows how to measure clearances and how to install new piston rings.
From the *AIRCRAFT WORK* series. Power Plant Maintenance

INSPECTING AND RECONDITIONING VALVE ASSEMBLY
25 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 264
Title No. 428250 *Sale* $52.50
Demonstrates how to disassemble the valve mechanism, clean and recondition the parts, measure clearances, reassemble the valve mechanism and reinstall pistons and cylinders.
From the *AIRCRAFT WORK* series. Power Plant Maintenance

INSPECTION AND PALPATION OF THE ANTERIOR CHEST
52 min, 16mm film, optical sd, b&w 1966
Producer USPHS *Agency No.* K-1224A&B
Title No. 001969 *Sale* $109.00
Demonstrates the techniques involved in the inspection and palpation of cardiovascular pulsations located on the anterior surface of the chest. Indicates physiological and diagnostic implications which can be derived from this type of examination.

INSPECTION AND PREPARATORY STEPS
8 min, 16mm film, optical sd, b&w
Producer USN *Agency No.* MN03691A
Title No. 002240 *Sale* $14.25
Covers the preliminary steps, including inspection, in the maintenance and repair of a Fairbanks Morse diesel engine, model 38D8 1/8 O.P.

INSPECTION OF PISTON
10 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN02364F
Title No. 002241 *Sale* $17.50
Demonstrates how to inspect piston covers and piston head, measure ring clearance, remove and inspect rings and ring grooves, measure piston pin and bearings, and record measurements.

INSPECTION OF THREADS
22 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 148
Title No. 002242 *Sale* $44.50
Tells how to identify different parts of an American National Standard thread, inspect external threads with a roll snap gage, adjust the roll snap gage, and inspect internal threads with a plug gage.

From the *AIRCRAFT WORK* series. Inspection, No. 4

INSPECTION, MAINTENANCE, AND OPERATION OF AUTOMATIC SPRINKLER SYSTEMS
26 min, 16mm film, optical sd, col 1959
Producer USAF *Agency No.* TF01-5303
Title No. 428275 *Rental* $12.50 Sale $84.75
Explains the importance of automatic sprinkler systems in fire protection and control. Demonstrates inspection and maintenance procedures common to all systems, and emphasizes the wet pipe, dry pipe, and deluge systems.

INSPECTORS, THE
25 min, 16mm film, optical sd, col 1969
Producer USFAA *Agency No.* FA-0701
Title No. 002243 *Sale* $84.75
Shows FAA's inspectors aboard their 'flying laboratories' as they check and double-check all navigational aids defining the airways. Points out that the inspectors fly seventeen million miles each year in their around-the-world, around-the-clock inspection of facilities to make the airways safe.

INSTALLATION OF CYLINDER HEAD
23 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No.* MN03708E
Title No. 002244 *Sale* $40.50
Shows how to position the cylinder head and install injector linkages, fuel lines, rocker arm assemblies, test valves, and piston cooling oil lines.

INSTALLATION OF LINER AND PISTON
23 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No.* MN03708D
Title No. 002246 *Sale* $40.50
Shows how to install liners, blade rod piston as assembly, fork rod piston assembly, and secure pistons with the bearing cap.

INSTALLING AND ALIGNING TAIL SURFACES
19 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 259
Title No. 428365 *Sale* $39.25
Shows how to inspect and remove damaged tail surfaces, and prepare new parts for installation. Describes how to install new stabilizers, elevators, and rudder.
From the *AIRCRAFT WORK* series. Aircraft Maintenance

INSTALLING AND CONNECTING TELLTALE PANEL
15 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 116
Title No. 428375 *Sale* $30.50
Tells how to lay out telltale unit, remove insulation from cable, reinsulate conductors and cable, and connect conductors to the multiconnection box.
From the *SHIPBUILDING SKILLS* series. Marine Electricity, No. 7

INSTALLING CONDUIT
25 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 381
Title No. 428400 *Rental* $10.00 Sale $43.75
Shows how to bend electrical metallic tubing, install tubing runs, bend rigid conduit, install rigid conduit runs and use flexible conduit.
From the *ELECTRICAL WORK* series. Wiring, No. 12

INSTALLING LANDING GEAR
19 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 257
Title No. 428360 *Sale* $40.50
Tells how to remove damaged landing gear. Shows how to replace old bolts, nuts, and cotters. Describes how to install an aircraft bolt properly, assemble and install a new landing gear, and check alignment and track of wheels.
From the *AIRCRAFT WORK* series. Aircraft Maintenance

INSTALLING SURFACE METAL RACEWAY
22 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 380
Title No. 428450 *Rental* $7.50 Sale $38.50
Shows how to install a molding raceway run to ceiling outlet, from ceiling outlet to wall switch, from ceiling outlet to wall fan, and to floor outlet.
From the *ELECTRICAL WORK* series. Wiring, No. 11

INSTALLING VALVES AND STRAINER ON SEA CHEST
12 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 099
Title No. 428455 *Sale* $26.75
Tells how studs are driven and checked for accuracy, valves are installed on sea chests, and how strainer is prepared for and installed on sea chest.
From the *SHIPBUILDING SKILLS* series. Marine Machinery Installation, No. 5

INSTALLING VALVES IN ENGINE ROOM SYSTEMS, PT
12 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 123
Title No. 428460 *Sale* $26.75
Describes identification of principal units in engineroom system and function of valves in controlling cycle of steam. Includes design and functions of gate valve, globe valve, and check valve.
From the *SHIPBUILDING SKILLS* series. Pipefitting, No. 8
OTHER FORMAT(S) or VERSION(S)
16 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 124
Title No. 428461 *Sale* $33.25

INSTALLING VITREOUS FIXTURES
19 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 121
Title No. 428465 *Sale* $39.25
Tells how to lay out, drill, and tap the seating. Describes how to measure and cut brass studs, make watertight installations, and assemble and connect the flushometer.
From the *SHIPBUILDING SKILLS. PIPEFITTING, NO. 6*

INSTRUCTING THE BLIND WORKER ON THE JOB
14 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 166
Title No. 002247 *Rental* $7.50 Sale $30.50
Shows how a supervisor trains a blind worker to operate a drill press.

INSTRUCTING THE DISABLED WORKER ON THE JOB
14 min, 16mm film, optical sd, b&w 1946
Producer USOE *Agency No.* OE 400
Title No. 002248 *Rental* $7.50 Sale $25.50
Dramatizes instances of poor and good instruction of disabled workers, and shows how a one-armed worker successfully learns to operate a drill press.
From the *PROBLEMS IN SUPERVISION* series.

INSTRUCTING THE WORKER ON THE JOB
14 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 155
Title No. 002249 *Rental* $7.50 Sale $25.50
Dramatizes how not to instruct a new worker and the results of poor on-the-job instruction. Tells how such instruction should be done.
From the *PROBLEMS IN SUPERVISION* series.

INSTRUCTING THE WORKER ON THE JOB (SPANISH)
14 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 155
Title No. 002250 *Rental* $7.50 Sale $25.50
Dramatizes how not to instruct a new worker and the results of poor on-the-job instruction. Tells how such instruction should be done.
From the *PROBLEMS IN SUPERVISION* series.

INSTRUCTIONAL TELEVISION AT PENNSYLVANIA STATE UNIVERSITY
60 min, 16mm film, optical sd, b&w 1970
Producer USOE *Agency No.* OE 512
Title No. 428800 *Rental* $15.00 O/PRINT
Gives information regarding the experiences of one institution of higher learning with the successful use of closed circuit television on a campus-wide basis.

INSTRUMENT EXCHANGE IN FOUR-HANDED DENTISTRY
7 min, 16mm film, optical sd, col
Producer USDDH
Title No. 428880 *Sale* $31.25
Demonstrates the technique of dental instrument exchange between the dentist and dental chairside assistant.

INSTRUMENT FLIGHT CONTROL - DIAPHRAGM INSTRUMENTS
17 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* FN08048A
Title No. 428872 *Sale* $30.50
Gives operating principles and mechanism of air speed indicator, rate of climb indicator, altimeter, and shows action of pilot static system.

INSTRUMENT FLIGHT CONTROL - GYROSCOPE INSTRUMENTS, PT II
21 min, 16mm film, optical sd, b&w 1961
Producer USN *Agency No.* FN08048E
Title No. 428373 *Sale* $37.00
Gives operating principles of the attitude gyro, vertical gyro indicator, directional gyro, the gyro stabilized compass, turn and slip indicator.

INSTRUMENT FLIGHT CONTROL - THE DIRECT INDICATING MAGNETIC COMPASS
10 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* FN08048C
Title No. 428371 *Sale* $17.50
Shows errors of magnetic variation and deviation, principle parts and mechanical operation of the magnetic compass, use of the compass rose, correction for lag and lead, and magnetic variation and deviation.

INSTRUMENT FLYING TECHNIQUES - APPROACH PROCEDURES
25 min, 16mm film, optical sd, b&w 1961
Producer USAF *Agency No.* TF-1-5342C
Title No. 002251 *Sale* $43.75
Teaches pilots the procedures to follow in approaching an airfield under unfavorable weather conditions. Describes the types of facilities available. Gives particular emphasis to for and tacan approach principles. Outlines advantages of obtaining an early landing clearance.

INSTRUMENT FLYING TECHNIQUES - BASIC INSTRUMENTS
30 min, 16mm film, optical sd, b&w 1961
Producer USAF *Agency No.* TF01-5342A
Title No. 428874 *Sale* $52.00
Emphasizes the importance of learning, perfecting and practicing instrument flying techniques. Includes instrument coverage, instrument interpretation and control techniques. Explains use of control and performance instruments.

INSTRUMENT FLYING TECHNIQUES - TAKE-OFF AND UNUSUAL ALTITUDES
15 min, 16mm film, optical sd, b&w 1961
Producer USAF *Agency No.* TF01-5342B
Title No. 428876 *Sale* $27.00
Familiarizes pilots with the technique of instrument take-off. Points out that good instrument take-off depends on how a pilot interprets and cross checks his instruments. Explains recovery procedures from unusual altitudes on instruments alone.

INSTRUMENT LANDING SYSTEM, PT 1, THE LOCALIZER
22 min, 16mm film, optical sd, col 1964
Producer USFAA *Agency No.* FA-0305A
Title No. 002252 *Sale* $74.75
Illustrates the part that systems maintenance sector personnel play during flight inspection of the ILS localizer. Depicts the coordinated efforts of the ground maintenance personnel and the flight inspection crews as the flight inspection is performed. Both aircraft measurements and ground adjustments are shown to illustrate the closely related efforts necessary to complete an efficient flight inspection of the ILS localizer.

INSTRUMENT LANDING SYSTEM, PT 2, - THE GLIDE SLOPE
14 min, 16mm film, optical sd, col 1964
Producer USFAA *Agency No.* FA-0305B
Title No. 002253 *Sale* $48.50
Illustrates the part that systems maintenance sector personnel play during flight inspection of the glide slope. Depicts the coordinated efforts of the ground maintenance personnel and the flight inspection crews as the flight inspection is performed. Both aircraft measurements and ground adjustments are shown to illustrate the closely related efforts necessary to complete an efficient flight inspection of the glide slope.

INSTRUMENT UNIT, THE
5 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No.* AD 013
Title No. 002254 *Sale* $22.00
Shows a Saturn V section containing electronics instrumentation for guidance and navigation, and shows assembly and testing of the major parts.
From the *APOLLO DIGEST* series.

INTEGRATED LANDING AIDS, PT 1
25 min, 16mm film, optical sd, col 1949
Producer USN *Agency No.* MN06613A
Title No. 429250 *O/PRINT*
Explains the elements of GCA (ground control approach) and shows how an instrument landing is made under adverse weather conditions.

INTEGRATED LANDING AIDS, PT 2
26 min, 16mm film, optical sd, col 1949
Producer USN *Agency No.* MN06613B
Title No. 429251 *Rental* $7.50 O/PRINT
Covers landing aids at an airport, particularly high intensity lighting of approaches and runways and fog dispersal equipment.

INTEGRATED NURSERY, AN
7 min, 16mm film, optical sd, col 1970
Producer USBEH
Title No. 429275 *Rental* $7.50 Sale $45.00
Shows hearing impaired children integrated with normally hearing children in group and tutoring sessions in Sweden.
From the *INTERNATIONAL EDUCATION OF THE HEARING Impaired Child Series.*

INTENSIVE CARE
18 min, 16mm film, optical sd, col 1964
Producer USNMAC *Agency No.* M-0693
Title No. 002256 *Sale* $61.75
Explains establishment and operation of an intensive patient care ward in the hospital. Gives a detailed description of the intensive care room and its relation to progressive patient care. Covers the flexibility of the units, the skilled staff which operates the unit, and some of the administrative policies.

INTENSIVE RESPIRATORY CARE
30 min, 16mm film, optical sd, col 1968
Producer USNMAC *Agency No.* M-1628-X
Title No. 002257 *Sale* $100.00
Designed to instruct physicians in the proper techniques for diagnosing and treating acute respiratory failure. Informs physicians on the pathophysiologic approach to the treatment of respiratory failure. Includes a two-minute animated segment showing lung pathology and physiology.

INTERCEPT
10 min, 16mm film, optical sd, col 1959
Producer USAF *Agency No.* SFP 0657
Title No. 429567 *Sale* $34.00
Highlights the computer phase of the Sage-Bomarc program from initial planning to integration of Bomarc into the Sage system.
CLEARED FOR TV.

INTERIOR AND EXTERIOR TRIM
12 min, 16mm film, optical sd, b&w 1950
Producer USN *Agency No.* MN06719E
Title No. 429850 *Sale* $22.25
Covers the installation of doors and windows and the finishing trim around them.

INTERMITTENT TRANSISTOR SAWTOOTH GENERATOR
34 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-818
Title No. 002256 *Sale* $70.50
Develops a sawtooth generator and explains the operation of the circuit and waveforms, and the purpose of each component. (Kinescope)

INTERNATIONAL CO-OPERATION IN SPACE
23 min, 16mm film, optical sd, col 1966
Producer USNASA *Agency No.* HQ 060
Title No. 002259 *Sale* $91.50
Describes NASA's program of co-operation with many in launching international satellites, carrying of foreign experiments on U S spacecrafts, sounding rocket research, global tracking networks.

INTERNATIONAL ICE PATROL
22 min, 16mm film, optical sd, b&w 1949
Producer USIA
Title No. 002260 *Rental* $7.50 Sale $46.25
Shows how the U S Coast Guard, operating under international agreements, patrols the North Atlantic shipping lanes in search of icebergs, and issues warnings to ships. Illustrated through a portrayal of the cutter Mendota's search for Iceberg NO. 39.

INTERNATIONAL NAVAL REVIEW
11 min, 16mm film, optical sd, col 1958
Producer USN *Agency No.* MN08771A
Title No. 430524 *Sale* $37.25
Shows high spots of the festival at Jamestown, including the U S Atlantic Fleet welcoming seventeen visiting navies to the International Naval Review at Norfolk, Va.

INTERNATIONAL SKIES
5 min, 16mm film, optical sd, col 1969
Producer USFAA *Agency No.* FA-0904
Title No. 002261 *Sale* $19.50
Highlights training of foreign nationals both in the U S and in their own countries through FAA's technical assistance. Shows that international cooperation is the key to FAA projects around the world as is evidenced by the hundreds of aviation technicians who come from various nations each year to learn from FAA and to exchange ideas.

INTERVIEWING PRINCIPLES AND TECHNIQUES
17 min, 16mm film, optical sd, b&w 1951
Producer USN *Agency No.* MN-7360
Title No. 002262 *Sale* $30.50
Demonstrates a classification interview illustrating principles of good interviewing, including--preparation, approach, getting the facts, use of simple terminology, guiding the conversation, and preventing interruptions.

INTESTINAL BIOPSY CAPSULE, THE
6 min, 16mm film, optical sd, col 1961
Producer USA *Agency No.* PMF 5337
Title No. 002263 *Sale* $21.25
Depicts the features, use, and operation of the intestinal biopsy capsule devised by the Walter Reed Army Medical Center to study disease and normal functioning of the small intestine. Shows how the capsule, swallowed orally by the patient, makes possible single and several simultaneous biopsies at different levels of the small intestine.

INTESTINAL PARASITES, PT 1, INTRODUCTION AND TECHNIQUES OF HANDLING SPECIMENS
29 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No.* T-1701
Title No. 002266 *Sale* $59.50
Reviews effects of parasites on various organ systems in man and discusses various diagnostic techniques. (Kinescope)

INTESTINAL PARASITES, PT 2, INTESTINAL AMEBIASIS
24 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No.* T-1702
Title No. 002264 *Sale* $50.00
Shows various examples of this disease entity, symptomology, typical and atypical ulcers, preparation of wet smears, and diagnostic data. (Kinescope)

INTESTINAL PARASITES, PT 3, EXTRAINTESTINAL AMEBIASIS
19 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No.* T-1703
Title No. 002265 *Sale* $39.50
Discusses liver abscess and cutaneous amebiasis using supportive radiographic and illustrative material. (Kinescope)

INTRA-ORAL FIXATION OF JAW FRACTURES, PT 1
14 min, 16mm film, optical sd, col 1958
Producer USVA *Agency No.* D-099
Title No. 002395 *Sale* $56.75
Demonstrates methods of fixation most commonly used in management of jaw fractures. Includes the use of ligature wires, eyelets, continuous loops, single loops, horizontal levers, and arch bars.

INTRA-ORAL FIXATION OF JAW FRACTURES, PT 2 (REV ED)
15 min, 16mm film, optical sd, col 1970
Producer USVA *Agency No.* D-100
Title No. 002323 *Sale* $59.25
Shows method of fixation most commonly used in the management of jaw fractures. Includes the use of splints, circumferential wiring and direct wiring to zygomatic process and nasal spine.

*** INTRACELLULAR TRANSPORT APPARATUS OF PHLOEM FIBERS**
11 min, 16mm film, silent, b&w 1964
Producer USDA
Title No. 003962 *Sale* $26.00
By the use of microphography, protoplasmic behavior of a living phloem fiber is shown, including transport of plastids over a roatational course inside of these greatly elongated cells. Illustrates three anatomical features of phloem fibers thought to be involved in translocation in plants.

INTRAUTERINE AND NEONATAL SCREENING
9 min, 16mm film, optical sd, col 1970
Producer USBEH
Title No. 431204 *Rental* $7.00 Sale $51.00
Demonstrates the assessment of auditory function in utero by Wedenberg, Westin, and Johansson in Stockholm and use of the Murphy Cradle at Reading, England.
From the *INTERNATIONAL EDUCATION OF THE HEARING Impaired Child Series.*

INTRAVENOUS ADMINISTRATION OF FLUIDS
18 min, 16mm film, optical sd, b&w 1959
Producer USN *Agency No.* MN08576E
Title No. 002396 *Sale* $32.00
Describes the responsibilities of hospital corpsmen and demonstrates the specific procedures that they must follow when preparing a patient and in assisting the medical officer to administer large doses of fluids to patients in navel hospitals.

INTRODUCING BELGIUM
22 min, 16mm film, optical sd, b&w 1955
Producer NATO
Title No. 002397 *Sale* $46.25
Describes the geography, economy and history of Belgium. Discusses the occupations and social customs of the people. Explains the role of Belgium in the North Atlantic Treaty Organization.
From the *ATLANTIC COMMUNITY* series.

INTRODUCING CANADA
22 min, 16mm film, optical sd, b&w 1956
Producer NATO
Title No. 002398 *Sale* $46.25
Describes the country and people of Canada. Historical development, geographical features, economic life, occupations and social customs are shown.
From the *ATLANTIC COMMUNITY* series.

INTRODUCING DENMARK
20 min, 16mm film, optical sd, b&w 1955
Producer NATO
Title No. 002399 *Sale* $42.50
Shows the land and its use, the people, industries, schools and recreation. Emphasizes interdependence of NATO countries.
From the *ATLANTIC COMMUNITY* series.

INTRODUCING FRANCE
20 min, 16mm film, optical sd, b&w 1955
Producer NATO
Title No. 002418 *Sale* $42.50
Presents contemporary France--her colonies, great ports, cultural traditions and leadership as a center of learning.
From the *ATLANTIC COMMUNITY* series.

INTRODUCING GERMANY
23 min, 16mm film, optical sd, b&w 1957
Producer NATO
Title No. HL8002419 *Sale* $48.75
Shows the west German Republic as a nation rebuilding economically and hopeful for peace.
From the *ATLANTIC COMMUNITY* series.

INTRODUCING GREECE
16 min, 16mm film, optical sd, b&w 1955
Producer NATO
Title No. 002420 *Sale* $34.25
Describes Greece and its people. Includes geography, history, achievements, economic life, occupations and social customs.
From the *ATLANTIC COMMUNITY* series.

INTRODUCING ICELAND
18 min, 16mm film, optical sd, b&w 1956
Producer NATO
Title No. 002421 *Sale* $38.00
Shows character of the land, the people, schools, and social customs.
From the *ATLANTIC COMMUNITY* series.

INTRODUCING ITALY
21 min, 16mm film, optical sd, b&w 1956
Producer NATO
Title No. 002422 *Sale* $42.50
Describes the country, the people of Italy, geography, history, achievements, economic life, occupations and social customs.
From the *ATLANTIC COMMUNITY* series.

INTRODUCING LUXEMBOURG
22 min, 16mm film, optical sd, b&w 1955
Producer NATO
Title No. 002423 *Sale* $46.25
Shows Luxembourg--the major cities, terrain, people and industry.
From the *ATLANTIC COMMUNITY* series.

INTRODUCING NORWAY
19 min, 16mm film, optical sd, b&w 1955
Producer NATO
Title No. 002424 *Sale* $40.00
Shows life in Arctic towns--includes the importance of the sea, forests and power from the rivers.
From the *ATLANTIC COMMUNITY* series.

INTRODUCING PORTUGAL
18 min, 16mm film, optical sd, b&w 1956
Producer NATO
Title No. 002425 *Sale* $38.00
Shows location, character of the land, man's use of the land, industries, cities and fishing villages of Portugal.
From the *ATLANTIC COMMUNITY* series.

INTRODUCING THE NETHERLANDS
22 min, 16mm film, optical sd, b&w 1955
Producer NATO
Title No. 002426 *Sale* $46.25
Shows the major cities, terrain, people and industries of the Netherlands, one of the North Atlantic Treaty members.
From the *ATLANTIC COMMUNITY* series.

INTRODUCING THE NEW WORKER TO HIS JOB
16 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 154
Title No. 002427 *Rental* $7.50 Sale $28.50
Dramatizes how not to orient a new employee and get him started on his job. Tells what should have been done.
From the *PROBLEMS IN SUPERVISION* series.

INTRODUCING THE UNITED KINGDOM
22 min, 16mm film, optical sd, b&w 1955
Producer NATO
Title No. 002428 *Sale* $46.25
Describes the countries and people of the United Kingdom. Includes the geography, history and achievements, economic life, occupations and social customs.
From the *ATLANTIC COMMUNITY* series.

INTRODUCING THE UNITED STATES
21 min, 16mm film, optical sd, b&w 1956
Producer NATO
Title No. 002429 *Sale* $42.50
Describes the United States and its people. Gives an overview of the geography and history, economic life, occupations of the people and social customs. Briefly explains the U S role in the North Atlantic Treaty Organization.
From the *ATLANTIC COMMUNITY* series.

INTRODUCING TURKEY
21 min, 16mm film, optical sd, b&w 1956
Producer NATO
Title No. 002430 *Sale* $44.50
Shows modern Turkey and older areas of this country. Indicates that modern machinery is replacing old methods.
From the *ATLANTIC COMMUNITY* series.

INTRODUCTION - THE ABSORBING SURFACE
10 2x2 slides, 1/4 in. audiotape, col
Producer USNMAC *Agency No.* S-1727-X
Title No. 002431 *Sale* $6.00
Gives an introduction to the first four units in the Fat Absorption in Health and Disease series--the absorbing survace, fat digestion, fat absorption and the enterophepatic circulation of bile acids and the subsidiary basic and clinical lectures for those familiar with the core material.
From the *FAT ABSORPTION IN HEALTH AND DISEASE* series.

***INTRODUCTION - 1**
17 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No.* Z-101
Title No. 003404 *Sale* $36.50
Describes the techniques of verbalization and a structure for teaching speech.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Introduction*

***INTRODUCTION - 2, PT 1**
14 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No.* Z-102-1
Title No. 003405 *Sale* $33.25
Describes and illustrates the model of face a through the presentation and imitation stages.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Introduction: Speech Model*

* INDICATES NEW ENTRY

***INTRODUCTION - 2, PT 2**
11 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No* Z-102-2
Title No 003406 *Sale* $26.75
Shows how face a is continued from imitation stage to production stage.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Introduction: Speech Model*

***INTRODUCTION - 2, PT 3**
13 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No* Z-102-3
Title No 003407 *Sale* $28.75
Shows the progressions of learning a speech skill through the three faces of the model.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Introduction: Speech Model*

INTRODUCTION TO AIRCRAFT ENGINE INSTRUMENTS
16 min, 16mm film, optical sd, b&w 1964
Producer USA *Agency No* TF46-3406
Title No 002432 *Sale* $34.25
Shows use of aircraft engine instruments by mechanic and aviator to check condition of the engine.
CLEARED FOR TV.

INTRODUCTION TO AIRCRAFT FLIGHT INSTRUMENTS
28 min, 16mm film, optical sd, b&w 1964
Producer USA *Agency No* TF46-3405
Title No 432860 *Sale* $48.75
Defines requirement for properly functioning instruments for safe flight and underscores importance of regular inspection and maintenance.

INTRODUCTION TO AMPLITUDE MODULATION
26 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-525
Title No 002433 *Sale* $54.75
Gives a brief history of major developments in the communications field to point out why amplitude modulation came into being. Explains how intelligence can be transmitted by amplitude modulating a high frequency wave with an intelligence signal. Defines such terms as modulation, intelligence signal and carrier wave. Discusses a basic block diagram of an AM transmitter to show the method of producing an amplitude modulated wave. (Kinescope)

INTRODUCTION TO ANALOG COMPUTERS
120 min, 16mm film, optical sd, col 1963
Producer USAEC *Agency No* 0481
Title No 002434 *Sale* $346.50
Discusses the programming techniques and components of an electronic analog computer. Presents the solutions to typical computer problems.

INTRODUCTION TO APHASIA
30 min, 16mm film, optical sd, col 1950
Producer USVA
Title No 433050 *Rental* $12.50 Sale $101.00
Defines and describes aphasia, discusses receptive and emissive language functions, and differentiates various types of aphasia--such as agnosia, agraphia, and paraphasia. Primarily animation.

INTRODUCTION TO ARMY AIR DEFENSE SYSTEMS
23 min, 16mm film, optical sd, col 1966
Producer USA *Agency No* TF44-3687
Title No 002435 *Sale* $78.25
Provides an introduction to U S Army Air Defense Systems, currently operational, and a look into future Air Defense developments.

INTRODUCTION TO AUTOMATIC DATA PROCESSING
31 min, 16mm film, optical sd, b&w 1958
Producer USA *Agency No* TF11-2552
Title No 433235 *Sale* $53.50
Discusses the Automatic Data Processing System (ADPS), explaining its underlying concept, capabilities, operation, and application as a new management tool.

INTRODUCTION TO COMBAT FATIGUE--DOCTOR'S VERSION
31 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No* MN03428B
Title No 002436 *Sale* $53.50
Analyzes fear and relates the symptoms of combat fatigue such as--startled reaction, irritability, nightmares, and tension to their causes through flashbacks of simulated action in a combat area.

INTRODUCTION TO COMBAT FATIGUE--PATIENT'S VERSION
30 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No* MN03428A
Title No 002437 *O/PRINT*
Analyzes fear and relates the symptoms of combat fatigue such as--startled reaction, irritability, nightmares, and tension to their causes through flashbacks of simulated action in a combat area.
THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY.

INTRODUCTION TO DETECTION
14 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-521
Title No 002438 *Sale* $30.75
Explains what 'detection' is and why it is needed. Gives a general explanation of detector functions through discussion of basic circuit operation. (Kinescope)

INTRODUCTION TO DISCRIMINATORS
38 min, 16mm film, optical sd, b&w 1965
Producer USAF *Agency No* TVK 30-608
Title No 002439 *Sale* $78.50
Defines discrimination and lists the three basic requirements of a discriminator. Discusses the block diagram of a typical FM receiver, emphasizing the operation of a simple stagger tuned discriminator as the input frequency varies above and below the center frequency. (Kinescope)

INTRODUCTION TO ENVIRONMENTAL ENGINEERING
22 min, 16mm film, optical sd, col 1962
Producer USN *Agency No* MN09665
Title No 002440 *O/PRINT*
Highlights some of the more important environmental engineering management areas and interrelates them in problem-solving approaches.

INTRODUCTION TO ERIC
13 min, 35mm filmstrip, record, col 1970
Producer USOE
Title No 002441
Sold only as part of the ERIC series.
From the *ERIC* series.

***INTRODUCTION TO FIRE BEHAVIOR**
17 min, 16mm film, optical sd, col 1960
Producer USDA *Agency No* 1415
Title No 003960 *Sale* $78.00
Shows the basic fundamentals for combustion and the influences of fuel, weather, and topography on fire behavior in animation and table-top photography. Emphasizes the many factors that make a fire burn the way it does and demonstrates how strategy can be planned from knowledge of this behavior.

***INTRODUCTION TO FIRE BEHAVIOR (SPANISH)**
17 min, 16mm film, optical sd, col 1960
Producer USDA *Agency No* 1415
Title No 003961 *Sale* $78.00
Shows the basic fundamentals for combustion and the influences of fuel, weather, and topography on fire behavior in animation and table-top photography. Emphasizes the many factors that make a fire burn the way it does and demonstrates how strategy can be planned from knowledge of this behavior.

INTRODUCTION TO FORENSIC MEDICINE
28 min, 16mm film, optical sd, b&w 1970
Producer USNMAC *Agency No* T-1900
Title No 002442 *Sale* $58.50
Provides a basic introduction to the functions of the Office of Medical Examiner, including a discussion of approaches to

deductive reasoning and examination in this field. Discusses the integrity required of this position, its interpretative ambiguity, and its interrelationship with the community, the hospital, the physician, and the law. (Kinescope)

RESTRICTED TO PROFESSIONAL AUDIENCES--RESIDENTS, OTHER MEDICAL PROFESSIONAL PERSONNEL, AND RESEARCH AND SOCIAL WORKERS IN THE FIELD OF MEDICINE. CLEARED FOR USE ON EDUCATIONAL CLOSED-CIRCUIT TELEVISION ONLY.

INTRODUCTION TO HAND TOOLS, THE, PT 1
11 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN07831A
Title No. 434101 *Sale* $19.25
Discusses the general principles governing the use of hand tools in the Navy--choosing the right tool for the job, using the tool correctly, using it safely, and keeping the tool in good condition.

INTRODUCTION TO HETERODYNING
35 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-619
Title No. 002443 *Sale* $72.50
Defines the terms heterodyning, local oscillator, and mixer. Shows a mixed wave constructed graphically, and lists the frequencies produced by beating two electrical signals together. Uses tuning forks to demonstrate the heterodyning (or mixing) of two sound waves. Discusses the requirements of mixing and the methods of extracting the desired output frequency. (Kinescope)

INTRODUCTION TO HIGHWAY HYDRAULICS
21 min, 16mm film, optical sd, col 1960
Producer USFHWA
Title No. 434149 *Sale* $71.50
Illustrates some fundamental principles of hydraulics of open channel flow. The principles are illustrated by hydraulic models in the laboratory and correlated with field highway installations where possible.

INTRODUCTION TO ISOKINETIC EXERCISE
13 min, 16mm film, optical sd, col 1967
Producer USNMAC *Agency No.* M-1441
Title No. 002444 *Sale* $43.75
Explains and illustrates the principle of isokinetic exercise in filmograph form.

INTRODUCTION TO LC OSCILLATORS
29 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-536
Title No. 002445 *Sale* $60.50
Shows the action of a mechanical oscillator (pendulum)--defines an oscillation, determines the frequency and amplitude of the oscillations, and shows damping in the mechanical oscillator. (Kinescope)

***INTRODUCTION TO MAMMOGRAPHY**
23 min, 2x2 slide set, 1/4 in. audiotape, col 1973
Producer USNMAC *Agency No.* S-2800
Title No. 003121 *Sale* $12.00
Illustrates a general introduction to technique of mammography.
From the *MAMMOGRAPHY* series.
SUGGESTED FOR PROFESSIONAL GROUPS ONLY

INTRODUCTION TO MULTIVIBRATORS
38 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-808
Title No. 002446 *Sale* $78.50
Defines a multivibrator, identifies the components in a multivibrator circuit and discusses applications of waveforms produced by the circuit. Demonstrates what happens when two amplifiers are RC coupled and how the output waveforms from a multivibrator are produced. Discusses the three classes of multivibrators--astable, monostable and bistable, and shows how each class is determined. (Kinescope)

INTRODUCTION TO NAS (NATIONAL AIRSPACE SYSTEM) EN ROUTE STAGE A
30 min, 16mm film, optical sd, col 1969
Producer USFAA *Agency No.* FA-0710
Title No. 002447 *Sale* $101.00
Explains in depth FAA's semi-automatic system for expediting en route air traffic control. Advanced radar systems, 'alpha numerics' and the controller's computerized working environment are featured.

INTRODUCTION TO NURSING IN A CORONARY CARE UNIT
20 min, 16mm film, optical sd, col 1967
Producer USNMAC *Agency No.* M-1461
Title No. 002448 *Sale* $88.00
Demonstrates the nurse's role in the care of the coronary patient. Includes life-saving procedures which should be used before the doctor arrives and explains electronic equipment which can determine the type of heart attack the patient is having.

INTRODUCTION TO OPTICS
17 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No.* MN02449A
Title No. 434650 *Rental* $7.50 Sale $30.50
Uses animation and practical examples to illustrate the principles of light waves and rays, to show how light is refracted and reflected, and to explain image formation in relation to concave and convex lenses. Studies these principles as applied to optical instruments.

INTRODUCTION TO PHANTASTRON
23 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-814
Title No. 002449 *Sale* $48.75
Points out the significant features of the phantastron circuit, discusses the purpose of each component, and then uses a block diagram to explain how the phantastron circuit works in target discrimination. Illustrates this, by showing pictorially, signals being picked up on a scope. Explains briefly how the phantastron is used to produce a linear sweep. (Kinescope)

INTRODUCTION TO PREVENTIVE MAINTENANCE
12 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 461
Title No. 434930 *Rental* $7.50 Sale $22.25
Tells importance of preventive maintenance in truck operation. Describes typical checks of the clutch pedal, battery, and voltage regulator.

INTRODUCTION TO PROLONGED ARTIFICIAL VENTILATION
40 min, 16mm film, optical sd, col
Producer USA *Agency No.* PMF 5348
Title No. 002450 *Sale* $133.75
Teaches the principles of safe prolonged mechanical artificial ventilation, safe tracheotomy care, and transportation of apneic patients.

INTRODUCTION TO REACTANCE TUBE MODULATOR
35 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-605
Title No. 002451 *Sale* $72.50
Gives the purpose of the components in the reactance tube modulator and the operating characteristics of the circuit. Explains how the phase-shifting network can cause the reactance tube to act both inductively and capacitively. (Kinescope)

INTRODUCTION TO RECEIVERS
23 min, 16mm film, optical sd, b&w 1965
Producer USAF *Agency No.* TVK 30-609
Title No. 002718 *Sale* $48.75
Identifies each block in a block diagram of a super-heterodyne receiver. Discusses the purpose of each stage and shows output signals from each stage on an oscilloscope. (Kinescope)

INTRODUCTION TO RESPIRATORY AND CARDIAC RESUSCITATION

35 min, 16mm film, optical sd, col 1962
Producer USA *Agency No.* PMF-5349
Title No. 002453 *Sale* $117.50
Shows technique used on patients rendered unconscious by drug--mouth-to-mouth and mouth-to-nose, respiratory and mechanical oxygen equipment, and cardiac resuscitation.

INTRODUCTION TO SINGLE SIDEBAND

26 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-611
Title No. 002454 *Sale* $54.75
Compares a conventional amplitude modulated wave to the single sideband wave, through the use of an oscilloscope and associated equipment. Explains the characteristics of single sideband communication, and gives the two requirements of a single sideband transmitter. (Kinescope)

INTRODUCTION TO SWIMMING POOL SANITATION

24 min, 16mm film, optical sd, col 1959
Producer USNMAC *Agency No.* M-0402
Title No. 002455 *Sale* $81.50
An introductory lecture for courses in swimming-pool sanitation.

INTRODUCTION TO SYNCHROS

40 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-706
Title No. 002456 *Sale* $82.25
Gives illustrations of equipment operated by remote control. Explains that each remote indicating system has two basic components--a generator and a motor. Shows how to dismantle a synchro generator and motor, and explains the purpose of each individual part. Shows how to determine, by the use of schematic diagrams, the symbols for the stator and rotor and the electrical connections between synchro generator and motor. (Kinescope)

INTRODUCTION TO UNDERWATER SOUND

19 min, 16mm film, optical sd, b&w 1959
Producer USN *Agency No.* MN 8857
Title No. 435745 *Sale* $33.75
Demonstrates the basic principles of underwater sound by means of art, animation and sound effects. Shows how a knowledge of these principles is essential to an understanding of a sonar.

INTRODUCTION TO VECTORS - COPLANAR CONCURRENT FORCES

22 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 361
Title No. 435850 *Rental* $7.50 Sale $38.50
Explains the meaning of scalar and vector quantities and describes how to add them. Shows the methods of composition and resolution and their use in solving engineering problems.
From the *ENGINEERING* series. Fundamentals of Mechanics

INVASION BY OIL

22 min, 16mm film, optical sd, col 1969
Producer USAE
Title No. 002457 *Sale* $100.00
Tells the story of the Ocean Eagle tanker breaking in half in the San Juan, Puerto Rico harbor, creating a hazard to navigation and spilling oil onto the beaches. Describes the salvage operation by the U S Army Corps of Engineers in removing the tanker.

INVASION OF SOUTHERN FRANCE

19 min, 16mm film, optical sd, b&w 1950
Producer USA *Agency No.* CHR-C-008
Title No. 436205 *Sale* $33.75
Portrays the invasion of Southern France by the 7th U S Army and its subsequent junction with the 3rd Army in northern France.

***INVESTIGATION - A TOOL FOR ACCIDENT PREVENTION**

7 min, 16mm film, optical sd, col 1968
Producer USBM
Title No. 003528 *Sale* $29.50
Shows the value of supervisors investigating accidents in the mining industry, to enlighten them to the various kinds of accidents, their causes, and prevention.
From the *FOREMANSHIP TRAINING* series.

PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

INVISIBLE BATTLEGROUND, THE

31 min, 16mm film, optical sd, col 1962
Producer USA *Agency No.* MF11-9416
Title No. 436525 *Sale* $104.25
Shows efforts and facilities at electronic environmental test facility, FT Huachuca, to solve radio interference problems of the field army.

***INVOLUNTARY HOSPITALIZATION OF THE PSY CHIATRIC PATIENT - SHOULD IT BE ABOLISHED?**

29 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No.* T-1748
Title No. 436765 *Sale* $50.25
Features a debate in which Dr Masserman contends that there are certain clinical situations in which an individual must be hospitalized for psychiatric reasons against his will, whereas Dr Szasz contends that psychiatry must be practiced on a purely contractual basis with the patient.
From the *CONCEPTS AND CONTROVERSIES IN MODERN MEDICINE Series.*

IODINE-131

15 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No. 002458 *Sale* $79.00
Shows the diagnostic and therapeutic uses of the radioisotope i-131 for hyperthyroidism, thyroid cancer, and heart disease. Discusses the characteristics, techniques, and results, as well as the problems of standardization and calibration of scanning devices for I-131, probably the most-used isotope in the field of medicine.

IONIZING RADIATION IN HUMANS

15 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No. 002459 *Sale* $71.00
Shows the design and operation of the Argonne National Laboratory's whole-body counter for determining identification, quantity, and location of internally deposited radioelements. Includes demonstrations of various techniques in accumulation of data and collimating the crystal.

***ISLANDS OF GREEN**

24 min, 16mm film, optical sd, col 1965
Producer USDA *Agency No.* 3055
Title No. 003963 *Sale* $106.00
Sixty years ago, conservationists set aside the national forests as large islands of green for the American people. Today, increasing pressure for outdoor recreation and conservation education have created a need for small islands of green near urban communities. The National Audubon Society is prepared to assist any community in a plan for a nature conservation center.

***ISLANDS OF UNDERSTANDING**

29 min, 16mm film, optical sd, col 1972
Producer USSRS
Title No. 000693 *Sale* $115.50
Presents Yugoslavian, Indian, and Israeli rehabilitation centers who are carrying out research programs in a variety of areas including--juvenile diabetes, alcoholism, mental rehabilitation, prosthetic and orthotic research, and rehabilitation projects which serve emotionally disturbed college students.

It also demonstrates the productive understanding and sympathy which are promoted by these worldwide rehabilitation efforts.

ISOLATION AND IDENTIFICATION OF BETA HEMOLYTIC STREPTOCOCCI
15 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No* M-0992
Title No. 002460 *Sale* $51.75
Accepted methods for collecting and transporting throat swab specimens and isolation of beta hemolytic streptococci are introduced. Laboratory procedures for culturing beta hemolytic streptococci include the preparation of pour-streak plates and examination of surface and subsurface growth for beta hemolytic streptococci. A series of photomicrographs of colonies are included which illustrate how various kinds of hemolysis can be differentiated.

ISOLATION AND IDENTIFICATION OF ENTERIC BACTERIA
25 min, 16mm film, optical sd, b&w 1968
Producer USNMAC *Agency No.* T-1496
Title No. 002461 *Sale* $52.50
Provides a review of enteric bacteria. Shows a grouping of pathogenic enteric bacteria, lactose fermentation, selective plating media, acid base indicators, growth and reactions on selected media, MAC, (ss), triple sugar iron agar reactions, differentiations, escherichia coli, klebsiella pneumoniae, serratia marcescens, providence, and citrobacter. (Kinescope)
From the *CLINICAL PATHOLOGY* series.

ISOLATION AND IDENTIFICATION OF MYCOPLASMA PNEUMONIA - EATON AGENT
5 min, 16mm film, optical sd, col
Producer USNMAC *Agency No.* M-0874
Title No. 002462 *Sale* $16.25
Essential purpose of film is to train technicians in the routines involved in the isolation and identification of the mycoplasma by use of proper media and microscopic viewing techniques. Confirming tests are shown making use of specific anti-sera saturated paper disks.

ISOLATION AND IDENTIFICATION OF SALMONELLAE
22 min, 16mm film, optical sd, b&w 1968
Producer USNMAC *Agency No* T-1494
Title No. 002463 *Sale* $46.25
Presents discussion about the diseases caused by salmonellae, its epidemiology and characteristics, principles of isolation, isolation from feces--reaction on brilliant green agar--tsi reactions, biochemical reactions, and serological typing. (Kinescope)
From the *CLINICAL PATHOLOGY* series.

ISOLATION AND IDENTIFICATION OF SHIGELLAE
19 min, 16mm film, optical sd, b&w 1968
Producer USNMAC *Agency No.* T-1495
Title No. 002464 *Sale* $40.50
Presents a lecture by Dr Boring discussing the symptoms and epidemiology of shigellae, contributing factors, seasonal incidence, causative agent, isolation, selective media, biochemical reactions, serological sub-groups, serogrouping and serotypes in the U S A. (Kinescope)
From the *CLINICIAL PATHOLOGY* series.

***ISOLATION AND PRELIMINARY IDENTIFICATION OF CULTURES**
14 min, 35mm filmstrip, ¼in. audiotape, col 1951
Producer USNMAC *Agency No.* 5-169
Title No. 002271 *Sale* $10.00
Shows methods of isolating and identifying pathogenic enterobacteriaceae by cultural, biochemical, and serologic methods.
From the *ISOLATION AND IDENTIFICATION OF SALMONELLA AND SHIGELLA CULTURESSERIES.*

ISOLATION OF BLASTOMYCES DERMATITIDIS
4 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-0991
Title No. 439175 *Sale* $13.50
Demonstrates the two morpholigica types typical of blastomyces dermatitidis, when grown at room temperature and at body temperature.

ISOLATION OF C. IMMITIS
7 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-0990
Title No. 002465 *Sale* $22.75
Demonstrates method for isolating and identifying the pathogenic fungus, C. Immitis from clinical material.

ISOLATION OF SALMONELLA AND SHIGELLA CULTURES
9 min, 16mm film, optical sd, col 1968
Producer USNMAC *Agency No.* M-0985
Title No. 002466 *Sale* $31.00
Demonstrates technique of growing enteric bacteria on selective media, identification of suspicious colonies and further screening by growing on triple-sugar-ironagar.

ISOLATION TECHNIQUE
24 min, 16mm film, optical sd, b&w 1960
Producer USN *Agency No.* MN08576K
Title No. 002467 *Sale* $42.25
Demonstrates how to perform medical aseptic techniques when caring for a patient with a communicable disease. Shows how to set up an isolation unit, how to organize the work, where and when not to wear the isolation gown and mask, how and when to wash the hands, and how to remove and clean items used in the unit.

ISOTOPES
20 min, 16mm film, optical sd, col 1959
Producer USAEC
Title No. 002468 *Sale* $150.00
Describes the production of stable isotopes and radioisotopes and the separation of fission products. Explains radioactivity, half life, and the three methods of producing radioisotopes. Uses live photography and animation to tell the story of radioisotopes production at the Oak Ridge National Laboratory.

ISOTOPES IN THE DIAGNOSIS OF ANEMIA
33 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No.* T-1505
Title No. 002469 *Sale* $68.25
Presents the use of four basic radioactive isotopes-Iodine 131, Chromium 51, Iron 59, and Cobalt 60 in the diagnosis of anemia. The virtue of these substances is the extremely small amounts necessary for the detection of emissions. Dr Crosby also discusses pros and cons of splenic scanning and its relationship to splenic involvement, and broad-range surface scanning. (Kinescope)

IT CAN HAPPEN TO YOU
15 min, 16mm film, optical sd, col
Producer USSBA
Title No. 002470 *Rental* $10.00 Sale $51.75
Outlines the experience of Jack Norton, a hardware store owner, in cooperating with a police lieutenant to get the facts about a pilferage problem. The police lieutenant points out situations and procedures which encourage pilferage and shows how to remedy these matters.

***IT CAN'T HAPPEN TO ME - THE ANATOMY OF AN ACCIDENT**
23 min, 16mm film, optical sd, col
Producer USNASA
Title No. 002273 *Sale* $93.75
Re-enacts an actual event at the Kennedy Space Center in Florida to illustrate how accidents can occur. Opens with a statement by the Center director.

IT HAPPENED IN TEXAS (HURRICANE BEULAH '67)
9 min, 16mm film, optical sd, col 1967
Producer USOCD *Agency No.* DOD-20-268
Title No. 002471 *Sale* $31.00
Documents the September 1967 disaster in southern Texas,

brought on by Hurricane Beulah and the tornadoes that followed in her wake.

*__IT HAPPENS EVERY NOON__
14 min, 16mm film, optical sd, col 1966
Producer USDA *Agency No.* 5575
Title No. 439790 *Sale* $64.00
Describes the National School Lunch Program, which is designed to provide from a third to one-half of the student's daily nutritional needs. Explains the importance of a well-balanced midday meal.

*__IT HAPPENS EVERY NOON (SPANISH)__
14 min, 16mm film, optical sd, col 1966
Producer USDA *Agency No.* 5575-S
Title No. 002753 *Sale* $64.00
This film is intended to awaken parents, and communities, to the awareness of the School Lunch Program and to take action to see that every child takes advantage of it by getting a daily, well-balanced, midday lunch.

__IT MUST BE THE NEIGHBORS__
14 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1161
Title No. 439850 *Sale* $48.50
Emphasizes the relationship between good premises sanitation and freedom from mosquitoes, flies, cockroaches, and rodents and shows how handling improvement may play an important part in the eradication of disease vectors. It enlists the support of all age groups in the community to improve premises sanitation.

__IT PAYS TO STAY OPEN__
23 min, 16mm film, optical sd, col 1966
Producer USFAA *Agency No.* FA-0609
Title No. 439875 *Sale* $83.50
Documents how low-cost lighting of airports, particularly utility-type airports, provides round-the-clock operations and can result in economic benefits to a community. Describes how business leaders of two massachusetts communities, working with their state aeronautics commissions and the Federal Aviation Administration, equipped their airports with low-cost runway and approach light.
CLEARED FOR TV.

*__IT WON'T BE EASY__
34 min, 16mm film, optical sd, b&w 1971
Producer USOEO
Title No. 002274 *Rental* $12.50 Sale $73.50
Presents an actual paraprofessional training program. It is not a model training program. It was intended to be shown in a way which would provide realistic grounds for discussion. Although no one was filmed without his knowledge and permission, all the characters, circumstances and conversations are real and unstaged. Not designed to set forth answers but to raise questions and stimulate discussion.

__IT'S UP TO YOU__
10 min, 16mm film, optical sd, col 1969
Producer USNMAC *Agency No.* M-1669X
Title No. 002472 *Sale* $34.00
Tells why people should take care of their teeth and what steps they should take to have healthy teeth. Among the subjects discussed are periodontal disease, visits to the dentist, and correct methods of toothbrushing.

__IT'S YOU AGAINST THE PROBLEM__
23 min, 16mm film, optical sd, col 1967
Producer USNASA *Agency No.* HQ 146
Title No. 002473 *Sale* $125.00
Emphasizes the challenge of research and the education and life of a scientist.

__IT'S YOUR MOVE__
13 min, 16mm film, optical sd, col
Producer USSBA
Title No. 002474 *Rental* $10.00 Sale $45.25
Designed to inform small business owners faced with relocation problems because of urban renewal about help available through SBA and urban renewal offices and to motivate them to take positive steps if they wish to relocate.

__JACQUELINE KENNEDY'S ASIAN JOURNEY__
30 min, 16mm film, optical sd, col 1962
Producer USIA
Title No. 004518 *Rental:* W/DRAWN Sale: W/DRAWN
Depicts Mrs John F Kennedy's trip to India and Pakistan with her sister, Princess Radziwill, in March 1962. Sequences include tours of the Taj Mahal, Jaipur, Khyber Pass, and the Shalimar Gardens.

*__JANET AND THE GENIE__
29 min, 16mm film, optical sd, col 1967
Producer USDA *Agency No.* 5580
Title No. 442650 *Sale* $131.00
Follows Janet, a young high school student, as she journeys through meat packing, poultry processing, apple packing, egg grading and dairy plants with the help of 'the genie.' Show how to become a smart shopper by using USDA's consumer and marketing service's grading and inspection services.

__JAUNDICE - MEDICAL OR SURGICAL__
40 min, 16mm film, optical sd, b&w 1964
Producer USNMAC *Agency No.* T-1815-X
Title No. 002475 *Sale* $61.25
Presents a case with diagnostic workup. Discusses cholestasis and problems in differential diagnosis. (Kinescope)

__JAW RELATION RECORDS FOR REMOVABLE PARTIAL DENTURES__
30 min, 16mm film, optical sd, col 1964
Producer USA *Agency No.* PMF 5378
Title No. 002476 *Sale* $101.00
Demonstrates how to make an accurate maxillomandibular record for removable partical dentures.

*__JAZZ BY BERKLEE__
27 min, 16mm film, optical sd, b&w 1968
Producer USIA *Agency No.* 04-11526
Title No. 004519 *Rental:* W/DRAWN Sale: W/DRAWN
A performance before a studio audience of 'cool' contemporary jazz by students and faculty of the Berklee School of Music. Introductions and interpretations are by well-known jazz expert Willis Conover.

*__JAZZ IN THE CLASSROOM__
29 min, 16mm film, optical sd, b&w
Producer USIA
Title No. 444800 *Rental:* W/DRAWN Sale: W/DRAWN
Presents a day at the Berklee School of Music in Boston which emphasizes jazz.
From the *SKETCHES* series.

__JENNY IS A GOOD THING__
18 min, 16mm film, optical sd, col 1969
Producer USHS
Title No. 002477 *Sale* $46.00
Documents one of Head Start's most important concepts--that the nutrition program plays a major role and is an integral part of the daily activities in a good Head Start Program.

__JENNY IS A GOOD THING (SPANISH)__
18 min, 16mm film, optical sd, col 1969
Producer USHS
Title No. 002478 *Sale* $46.00
Documents one of Head Start's most important concepts--that the nutrition program plays a major role and is an integral part of the daily activities in a good Head Start program.

__JETS ABOARD - OPERATION OF JET AIRCRAFT ABOARD CARRIERS__
23 min, 16mm film, optical sd, b&w 1951
Producer USN *Agency No.* MN05395B
Title No. 445600 *Sale* $40.50
Describes six factors in flight deck handling of jet aircraft rolling planes without rocking, securing parked jets against wind and weather, assistance in taxiing jets, catapulting jets in pairs, helping jets land almost nose to tail and servicing jet planes to maximum capacity.

JOB APPEAL
13 min, 16mm film, optical sd, col
Producer USNMAC *Agency No.* M-1422
Title No. 002479 *Sale* $52.50
An open-end film portraying the problem of fair employment practices. A realistic situation is dramatized to effect maximum audience involvement. A young negro man, seeking a promotion, is told by his boss that another man has been selected.

***JOB STORY**
22 min, 16mm film, optical sd, col 1971
Producer USDL
Title No. 002115 *Rental* $10.00 Sale $93.75
Shows the operation of the Job Information Service and the Job Bank that supports it. Discusses advantages to the employer and to applicants.
From the *CAREER JOB OPPORTUNITY FILM* series.

JOHN GLENN STORY, THE
30 min, 16mm film, optical sd, col 1963
Producer USNASA *Agency No.* HQA 090
Title No. 002480 *Sale* $115.50
Stresses American ideals as exemplified in the life of Astronaut Glenn--the importance of physical, mental and moral values. Portrays his youth in New Concord, Ohio, his service as a combat pilot in World War II and the Korean War, and his momentous adventure as the first American to orbit the Earth.

JOHN J PERSHING
21 min, 16mm film, optical sd, b&w 1960
Producer USDOD *Agency No.* AFSM 0579
Title No. 004520 *Sale:* W/DRAWN
Describes the life of General Pershing (1860-1948) such as his leadership qualities in battle and his influence in molding the American Army during World War I.
THIS FILM IS CONSIDERED OF HISTORICAL VALUE AND DOES NOT NECESSARILY REFLECT CURRENT POLICY OR PLANS OF THE SPONSORING AGENCY.

JOINING SOLID CONDUCTORS
22 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 369
Title No. 447800 *Rental* $7.50 Sale $38.50
Shows how to make a western union, pigtail, plain tap, 'wrapped tap' or britannia, loop tap and fixture joints. Explains how to use a blowtorch, flux and solder joints, and insulate joints.
From the *ELECTRICAL WORK* series. Wiring, No. 1

JOINTING AN EDGE FOR GLUING - INSTALLING KNIVES
21 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 305
Title No. 447900 *Rental* $7.50 Sale $37.00
Shows how to determine when knives are dull, to remove them, to install sharp knives, to straighten crooked stock and to join edges for gluing.
From the *PRECISION WOOD MACHINING* series. Operations On the Jointer, No. 4

JOINTING EDGES AND ENDS 90 DEGREES TO FACE
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 302
Title No. 448050 *Rental* $7.50 Sale $30.50
Shows the functions and operation of the jointer, explains how to identify surfaces of a piece of stock. Describes how to joint a square edge to size and joint a piece of glued stock to size.
From the *PRECISION WOOD MACHINING* series.

***JORDON PAUL - ONE TEACHER'S APPROACH**
30 min, 16mm film, optical sd, b&w 1971
Producer USNIMH
Title No. 002116 *Rental* $10.00 Sale $33.25
Gives approach of one teacher who is getting through to his students - feels he must try any method he can think of in order to communicate about drug abuse. His approach is non-directive.
From the *SOCIAL SEMINAR* series.

JOURNAL OF PLUTONIUM, A
47 min, 16mm film, optical sd, col 1969
Producer USAEC
Title No. 448345 *Sale* $175.00
Pictures the men and events that led to the discovery, separation and large scale production of plutonium, through the personal reminiscences of Dr Glenn T Seaborg, Dr Emilio Segre, Burris Cunningham and others, this is the personal story of the men who discovered plutonium, purified and weighed it, and eventually produced it on a large industrial scale for the wartime Manhattan Project.

JOURNEY BACK
20 min, 16mm film, optical sd, b&w 1949
Producer USVA
Title No. 002481 *Sale* $66.25
Dramatizes the rehabilitation of a hemiplegic patient, demonstrating the work of physical, occupational, recreational, and speech therapists and their contribution to the recovery of the patient.

JUNCTION TRANSISTOR, THE
28 min, 16mm film, optical sd, col 1967
Producer USN *Agency No.* MN 10334
Title No. 002483 *Sale* $94.50
Transistor and diode action, electron flow, bias and amplifier circuits, gain and phase relationships.

***JUNGLE QUEST FOR THE GREAT STONE HEADS**
27 min, 16mm film, optical sd, col 1942
Producer USCIAA
Title No. 004522 *Sale:* W/DRAWN
Record of an archeological expedition made by the National Geographic Society and the Smithsonian Institution in the state of Vera Cruz. Shows the art and skill developed in Mexico 1900 years ago.

JUNIOR ACHIEVEMENT
11 min, 16mm film, optical sd, col 1949
Producer USA
Title No. 002484 *Rental* $7.50 Sale $23.25
Explains how local businessmen in the United States sponsor projects enabling high-school students to start and operate small businesses, from which they can earn money and learn about business methods.

***JUNIOR COLLEGE FOR TECHNICAL TRADES**
22 min, 16mm film, optical sd, b&w 1950
Producer USDS
Title No. 002485 *Rental* $7.50 Sale $40.50
Describes the Los Angeles Trade and Technical College, formerly the Frank Wiggins Trade school--its origin, purpose vocational courses, and relationship to the industrial needs of Los Angeles.

KEEP CLEAN - STAY WELL (BLACK CAST)
9 min, 16mm film, optical sd, b&w 1964
Producer USNMAC *Agency No.* M-0674
Title No. 002486 *Sale* $15.75
Demonstrates how workers can carry out personal cleanliness in camps. Shows relationship between keeping clean and keeping well. Intended to promote discussion of health in camps, and responsibility of each group-workers, growers, and others.

KEEP CLEAN - STAY WELL (SPANISH-AMERICAN CAST - SPANISH)
9 min, 16mm film, optical sd, col 1964
Producer USNMAC *Agency No.* M-0933-SP
Title No. 002487 *Sale* $34.00
Demonstrates how workers can carry out personal cleanliness in camps. Shows relationship between keeping clean and keeping well. Intended to promote discussion of health in camps, and responsibility of each group-workers, growers, and others.

KEEP CLEAN - STAY WELL (SPANISH-AMERICAN CAST)
9 min, 16mm film, optical sd, col 1964
Producer USNMAC *Agency No.* M-0024
Title No. 002488 *Rental* $7.50 Sale $34.00
Demonstrates how workers can carry out personal cleanliness in camps. Shows relationship between keeping clean and keeping well. Intended to promote discussion of health in camps, and responsibility of each group-workers, growers, and others.

KEEPING YOUR CAR FIT
12 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 488
Title No. 451150 *Rental* $7.50 Sale $22.25
Tells why a weekly checkup is necessary, tires should be crisscrossed, cars lubricated regularly, the oil filter element replaced, and the cooling system inspected periodically.
From the *AUTOMOTIVE OPERATION AND MAINTENANCE* series. Automobile Operation, No. 3

✻**KERATOACANTHOMA**
23 min, 16mm film, optical sd, col
Producer IDCE
Title No. 006446 *Rental:* W/DRAWN Sale: W/DRAWN
Discusses etiology, histopathology, and differential diagnosis.

✻**KERATODERMIA PALMARIS ET PLANTARIS**
8 min, 16mm film, optical sd, col 1962
Producer ILDS
Title No. 006447 *Rental:* W/DRAWN Sale: W/DRAWN
Shows patients in three generations of one family and two generations of other families where this keratodermia is found.

✻**KERATOSIS FOLLICULARIS (DARIER'S DISEASE)**
13 min, 16mm film, optical sd, col
Producer IDCE
Title No. 004598 *Rental:* W/DRAWN Sale: W/DRAWN

✻**KEYSTONE OF COMPETENCE**
22 min, 16mm film, optical sd, col
Producer USBEH
Title No. 451750 *Sale* $85.75
The sheltered workshop offers a means whereby the handicapped citizen unable to return to the community, can give expresstion to his acquired skills. this film presents several types of industrial and craft workshops.

KIDNEY FUNCTION TESTS
43 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No.* M-1493
Title No. 002489 *Sale* $88.00
Discusses renal function tests, including the blood urea nitrogen and the creatinine clearance tests. Underlines the usefulness of the albumin-to-creatinine clearance ratio in relation to the nephrotic syndrome. (Kinescope)
From the *CLINICIAL PATHOLOGY* series.

KINETIC EXPERIMENT ON WATER BOILERS
15 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No. 002490 *Sale* $70.25
Discusses an AEC-SPONSORED study of the dynamic behavior of the homogeneous solution-type nuclear reactor, demonstrating the inherent safety characteristics of aqueous homogeneous reactors in the event of an unforeseen release of large amounts of reactivity.

✻**KIRUNDI - BASIC COURSE**
19 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004083 *Sale* $61.75
Cassettes and accompanying text are both available for $64.50.
OTHER FORMAT(S) or VERSION(S)
35 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004084 *Sale* $97.50
Tape set and accompanying text are both available for $100.25.

KITCHEN HABITS
12 min, 16mm film, optical sd, col 1954
Producer USNMAC *Agency No.* M-0148-G
Title No. 002491 *Sale* $42.00
Shows, under actual operating conditions in a kitchen, the importance of developing good habits relating to food sanitation. Stresses individual awareness of personal responsibility and effective supervision to develop these habits.

KITCHEN HABITS (SPANISH)
12 min, 16mm film, optical sd, col 1954
Producer USNMAC *Agency No.* M-0148-G
Title No. 002492 *Sale* $42.00

KITES TO CAPSULES
5 min, 16mm film, optical sd, col 1969
Producer USFAA *Agency No.* FA-0905
Title No. 002493 *Sale* $18.00
Contrasts early flying attempts with modern, successful commercial and general aviation.

✻**KITUBA - BASIC COURSE**
15 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004085 *Sale* $48.75
Cassettes and accompanying text are both available for $51.00.
OTHER FORMAT(S) or VERSION(S)
27 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004086 *Sale* $75.25
Tape set and accompanying text are both available for $77.50.

KLYSTRONS
34 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-910
Title No. 453848 *Sale* $70.50
Shows the purpose of components and the operation of a two-cavity klystron. Traces a signal through the circuit and points out the differences between velocity and density modulation, showing how the input cavity alters the electron velocity and how the output cavity intercepts the energy from the bunched electrons. Shows the operation of the klystron as an amplifier and oscillator. (Kinescope)

✻**KNOCK AT THE DOOR**
18 min, 16mm film, optical sd, col
Producer USFHWA
Title No. 453860 *Sale* $64.25
Shows what some state highway departments, union organizations and highway construction contractors are doing to train minority group persons to operate heavy highway construction equipment. Tells the story that there are opportunities in the construction trades for minority and underprivileged persons who will 'knock at the door' to seek training which will improve their positions in the working force of the nation as well as their social standing.

KNOW YOUR AIR RESCUE SERVICE
29 min, 16mm film, optical sd, b&w 1954
Producer USAF *Agency No.* TF01-4968
Title No. 454090 *Rental* $10.00 Sale $53.50
Illustrates four phases of rescue operations-notification, search, aid, and rescue-and explains the work of the U S Air Rescue Service.

KNOW YOUR CAR
15 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 486
Title No. 454150 *Rental* $7.50 Sale $27.00
Describes construction of a car chassis, and how the engine functions. Depicts operations of the clutch, transmission, rear axle, brakes, and electrical cooling systems.
From the *AUTOMOTIVE OPERATION AND MAINTENANCE* series. Automobile Operation, No. 1

KNOW YOUR CLOUDS
16 min, 16mm film, optical sd, col 1967
Producer USA *Agency No.* TF46-3724
Title No. 002494 *Sale* $55.00
Describes the development of the ten basic kinds of clouds, their principal characteristics, their relative positions and average altitudes, and their flight hazards.

KOREA STORY, THE
20 min, 16mm film, optical sd, b&w 1953
Producer USIA
Title No. 004523 *Rental:* W/DRAWN Sale: W/DRAWN
Describes the Korean War. Includes the attempts to unify Korea, the June 1950 invasion, the U N decision to halt aggression, the resulting war and truce talks.

***KOREAN - BASIC COURSE, VOL 1**
18 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004087 *Sale* $58.50
Cassettes and accompanying text are both available for $61.50.
OTHER FORMAT(S) or VERSION(S)
35 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004088 *Sale* $97.50
Tape set and accompanying text are both available for $100.50.

***KOREAN - BASIC COURSE, VOL 2**
16 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004089 *Sale* $52.00
Cassettes and accompanying text are both available for $56.75.
OTHER FORMAT(S) or VERSION(S)
31 1/4 in audiotapes, full-track, monaural
Producer USFSI
Title No. 004090 *Sale* $86.00
Tape set and accompanying text are both available for $90.75.

KOREAN CEASE FIRE TALKS
18 min, 16mm film, optical sd, b&w 1951
Producer USDOD *Agency No.* CB 112
Title No. 454806 *Sale* $32.00
Describes military operations in Korea from June 20 to July 20, 1951.

L T A HISTORY - BALLOONS
27 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN02722A
Title No. 455029 *Sale* $47.00
Traces the history of balloon experimentation-covering problems, development, outstanding men, and modern uses of balloons.

***LA PAZ**
17 min, 16mm film, optical sd, b&w 1943
Producer USCIAA
Title No. 002495 *Sale* $36.50
A film journey through Bolivia's capital and the highest big city in the world. Contrasts the old and the new in Latin America.

***LA PHENYLCETONURIE**
36 min, 16mm film, optical sd, col
Producer IDCE
Title No. 004599 *Rental:* W/DRAWN Sale: W/DRAWN

***LABOR OF LOVE**
21 min, 16mm film, optical sd, b&w 1964
Producer USIA *Agency No.* 01-02607
Title No. 004524 *Rental:* W/DRAWN Sale: W/DRAWN
Illustrates civil service work in the United States on three levels--federal, state, and municipal--by detailing the work of a forest ranger, a social worker and a physical therapist. Points out the devotion to their jobs and the personal satisfactions of doing a good job as a servant of the public.

LABORATORY ASPECT OF DISEASES OF THE TESTICLE, THE
35 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No.* T-1674
Title No. 002496 *Sale* $72.50
Discusses the subject of testicular physiology and biochemistry. Points out factors in the assessment of testicular function, Leydig cell failure, sperm production, testicular biopsy evaluation, karyotyping analysis, and plasmatestosterone levels. Provides detailed information concerning pituitary involvement, LSH, FSH, use of radioactive isotopes in determination of malfunctions of testes, and klinefilters syndrome. (Kinescope)

LABORATORY DESIGN FOR MICROBIOLOGICAL SAFETY
34 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1091
Title No. 457660 *Sale* $114.25
Stresses the need for safety measures in the design of infectious disease laboratories. Describes and illustrates some of the principal building features and devices used to provide effective microbiological containment. The concept of primary and secondary barries in preventing escape and spread of micro-organisms is discussed.

LABORATORY DIAGNOSIS OF RABIES IN ANIMALS
30 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-0458
Title No. 457695 *Sale* $101.00
Demonstrates the latest laboratory techniques for examination of animals in the diagnosis of rabies. Shows the preparation of brain impressions, the inoculation of animals, the serum neutralization test, and the fluorescent antibody test.

LABORATORY DIAGNOSIS OF RABIES IN ANIMALS (SPANISH) (REV ED)
30 min, 16mm film, optical sd, col 1961
Producer USPHS *Agency No.* M-1046-SP
Title No. 002497 *Sale* $101.00
Demonstrates the latest laboratory techniques for examination of animals in the diagnosis of rabies. Shows the preparation of brain impressions, the inoculation of animals, the serum neutralization test, and the fluorescent antibody test.

***LABORATORY DIAGNOSIS OF TENEA CAPITIS CHILDREN - MICROSPORUM INFECTIONS**
65 fr, 35mm filmstrip, silent, col 1950
Producer USNMAC *Agency No.* 5-127
Title No. 002122 *Sale* $5.50
Demonstrates laboratory identification of causative fungus. Shows clinical signs in children.

***LABORATORY DIAGNOSIS OF TENEA CAPITIS IN CHILDREN - MICROSPORUM INFECTIONS**
9 1950
Producer USNMAC *Agency No.* 5-127
Title No. 002121 *Sale* $10.00
Demonstrates laboratory identification of causative fungus. Shows clinical signs in children.

***LABORATORY DIAGNOSIS OF TRICHOPHYTON INFECTIONS, PT 1 - ECTRTHRIX INFECTIONS OF THE**
13 1972
Producer USNMAC *Agency No.* F-94A
Title No. 002117 *Sale* $10.00
FULL TITLE--LABORATORY DIAGNOSIS OF TRICHOPHYTON INFECTIONS, PT 1 - ECTRTHRIX INFECTIONS OF THE BEARD AND SCALP. Demonstrates laboratory identification of trichophyton mentagophytes and trichophyton fauforme.

***LABORATORY DIAGNOSIS OF TRICHOPHYTON INFECTIONS, PT 2 - ENDOTHRIX INFECTIONS OF THE**
10 fr, 35mm filmstrip, 1/4 in. audiotape, col 1952
Producer USNMAC *Agency No.* F-94B
Title No. 002119 *Sale* $10.00
Demonstrates laboratory identification of T. tonsurans and T. violaceum

LABORATORY METHODS FOR AIRBORNE INFECTION, PT 1 - THE CLOUD CHAMBER

28 min, 16mm film, optical sd, col 1957
Producer USNMAC *Agency No.* M-0261
Title No. 002498 *Sale* $94.50
Demonstrates laboratory apparatus and techniques for studying aerosol-borne pathogens developed by the U S Army Chemical Corps Research and Development Command. Demonstrates the cloud chamber which permits the exposure of laboratory animals to aerosols of various particle-sizes.

LABORATORY METHODS FOR AIRBORNE INFECTION, PT 2, - THE HENDERSON APPARATUS

34 min, 16mm film, optical sd, col 1959
Producer USNMAC *Agency No.* M-0304
Title No. 002499 *Sale* $114.25
The Henderson apparatus is discussed in full detail-two types of Henderson tubes housed in ventilated cabinets. One is recirculating and operates completely outside of laboratory facilities. The second is non-circulating and operates from laboratory air system and vacuum lines.

LABORATORY TECHNIQUE FOR DARKFIELD MICROSCOPY

16 min, 16mm film, optical sd, b&w 1953
Producer USN *Agency No.* FN07468
Title No. 002500 *Sale* $28.50
Explains the theory of darkfield microscopy, the preparation of slides, and the use of a darkfield microscope. Designed for use by laboratory technicians.

***LADY CALLED CAMILLE, A**

29 min, 16mm film, optical sd, col 1971
Producer USOCD *Agency No.* DODCD20-274
Title No. 002501 *Sale* $96.25
Documents the devastation caused by Hurricane Camille and the suffering caused thousands of people. Show that while hundreds of lives were lost to the hurricane, thousands were saved due to emergency plans, trained rescue teams, and help from thousands of volunteer groups and the military services.

***LADY CALLED CAMILLE, A (SPANISH)**

29 min, 16mm film, optical sd, col 1971
Producer USOCD *Agency No.* DODCD20-274
Title No. 002502 *Sale* $96.25

LAND BENEATH THE SEA, THE

25 min, 16mm film, optical sd, col 1967
Producer USN *Agency No.* MN10280
Title No. 002503 *Sale* $85.75
Shows origins and development of the sea bottom. Tells how the study of submarine and relief features, sediments, and the general nature of marine geology is vital to naval operations and the economic exploitation of the oceans.

***LAND CHANGES, THE**

14 min, 16mm film, optical sd, col 1957
Producer USDA *Agency No.* 1309
Title No. 003965 *Sale* $68.00
Shows how land was acquired for National Forest purposes on the Shawnee, the Hoosier, and the Wayne National Forest in the Ohio Valley--how such land was improved by reforestation, protection, and proper management to help man and his community to prosper.

***LAND OF HAWAII**

15 min, 16mm film, optical sd, col 1967
Producer USDA
Title No. 459025 *Sale* W/DRAWN
Gives a geologic background of Hawaii, the formation of the soil and its importance to the economy of the Islands. Recognizes the soil erosion problem and outlines soil conservation programs and their relation to cropping practices of sugar, pineapple, coffee, beef cattle and woodlands. Today's scientific farming gives assurance of a better future for this scenic land.

***LAND OF THE SKY**

15 min, 16mm film, optical sd, col 1958
Producer USDA *Agency No.* 1395
Title No. 003964 *Sale* $68.00
A show-me trip filmed on the Pisgah National Forest in North Carolina. General Federation of Women's Clubs see multiple-use management on a national forest in the best utilization of all its resources--timber, water, wildlife, and recreation.

LAND THE LANDING FORCE - THE HISTORY OF MARINE AMPHIBIOUS OPERATIONS

28 min, 16mm film, optical sd, col 1960
Producer USMC *Agency No.* MH08938
Title No. 459990 *Sale* $94.50
Explains the development of the amphibious doctrine and its use in vertical assault.

LANDBASED HELICOPTER OPERATIONS - FUNCTIONS

10 min, 16mm film, optical sd, b&w 1952
Producer USN *Agency No.* MN07411A
Title No. 460085 *Sale* $17.50
Shows to helicopter pilots the many duties which they will be expected to perform in landbased helicopter operation, and points out the versatility of the helicopter.

LANDBASED HELICOPTER OPERATIONS - PRECAUTIONS

11 min, 16mm film, optical sd, b&w 1952
Producer USN *Agency No.* MN07411B
Title No. 460090 *Sale* $19.25
Stresses the need for pilot alertness in helicopter operation, and demonstrates night and rough-terrain operations.

LANDING ON THE MOON

28 min, 16mm film, optical sd, b&w 1966
Producer USNASA *Agency No.* HQK-SR2
Title No. 002504 *Sale* $55.75
Details of the lunar module landing and lift-off from are explained.

LANGUAGE OF BUSINESS, THE

15 min, 16mm film, optical sd, col
Producer USSBA
Title No. 002505 *Rental* $10.00 Sale $48.50
Dramatizes the need for being able to analyze facts and problem areas in a business so that decisions can be made. Shows the value of records in business management.

***LANGUAGE POWER FOR PEACE**

29 min, 16mm film, optical sd, col
Producer USA *Agency No.* TV 779
Title No. 461000 *Sale* $115.50
Details the story of the Defense Language Institute.
From the *BIG PICTURE* series.

LAREDO TO PANAMA - THE INTER-AMERICAN HIGHWAY

18 min, 16mm film, optical sd, col 1964
Producer USFHWA
Title No. 461210 *Sale* $61.75
Tells the story of the economic and social benefits broughtto the people of Mexico and central America by the Inter-american highway. Shows the industrial, agricultural, and educational growth developing in these countries and how the highway has been instrumental in improving communications and the exchange of cultures in these lands.

LASER-MIRACLES WITH LIGHT

24 min, 16mm film, optical sd, col 1965
Producer USA *Agency No.* MF11-5131
Title No. 002506 *Sale* $81.50
Explains what laser is, how it works, and how it is being applied in the Army-also covers its use in medicine and scientific research.

***LAST CHANCE, THE**

29 min, 16mm film, optical sd, col
Producer USSRS
Title No. 461684 *Rental* $12.50 Sale $175.00
Poverty is the theme of a Negro psychiatrist's interview with a white school drop-out. A community worker in the ghetto talks about his job.
From the *TO LIVE AGAIN* series.

• LATE CUTANEOUS LEISHMANIASIS
7 min, 16mm film, optical sd, col 1962
Producer ILDS
Title No 006448 *Rental* W/DRAWN *Sale* W/DRAWN
Describes case histories and clinical features of the more serious late form of cutaneous leichmaniasis.

LATER YEARS OF THE WOODLEYS, THE
30 min, 16mm film, optical sd, b&w
Producer USSRS
Title No 002507 *Rental* $10.00 *Sale* $52.00
Illustrates the relationship between the aging process and ill health and shows how the social worker can be indispensable to approppriate medical care. This is useful in training service workers in the field of aging. In addition, the film depicts the supervisory process and group supervision.

LATERAL NECK SUPERFICIAL STRUCTURES
9 min, 16mm film, optical sd, col 1969
Producer USVA *Agency No* D-47A
Title No 002508 *Sale* $30.25
The vessels and nerves transversing the external cervical fascia are demonstrated in this dissection of superficial structures of the anterior and lateral neck. Diagrams are used for clarification.

LATERALLY POSITIONED FLAP IN PERIODONTICS
15 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No* D-46-PE
Title No 002509 *Sale* $51.00
Shows how laterally positioned flaps are used to cover the denuded roots of a mandibular central incisor and maxillary molar. A partial or split thickness dissection is performed in order to leave periosteum at the doner sites.

LATHE, THE
15 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No* OE 068
Title No 462050 *Rental* $7.50 *Sale* $27.00
Describes the characteristics and basic operations of the engine lathe.
From the *MACHINE SHOP WORK* series. Basic Machines

LATHE, THE (SPANISH)
15 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No* OE 068
Title No 002510 *Rental* $7.50 *Sale* $27.00

LATIN AMERICA
20 min, 16mm film, optical sd, b&w 1961
Producer USDOD *Agency No* AFIF 0113
Title No 462060 *Sale* $35.25
Describes the geographical, economic, and political factors that influence the lives of the people of Latin American countries. Explains the role of the United States in the development of the nations and the Communist approach to Latin America. Concludes with a statement by President John F Kennedy.

LAUNCH CONTROL CENTER
5 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No* AD 020
Title No 002511 *Sale* $24.00
A report on the nerve Center of launch operations at Kennedy Space Center. Shows the evolution of space control facilities and includes close-up views of the complex array of equipment used to control a Saturn launch.
From the *APOLLO DIGEST* series.

LAUNCH OF THE SATURN 5
4 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No* AD 015
Title No 002512 *Sale* $20.00
Shows a typical launch of the Saturn 5. The Saturn is shown being assembled, rolled to the launch pad and launched. Closes after separation of the first stage and includes footage of the separation, taken from a camera mounted inside the second stage.
From the *APOLLO DIGEST* series.

LAUNCH SITE TO THE MOON
3 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No* AD 017
Title No 002513 *Sale* $17.00
Shows the Kennedy Space Center's facility from which Apollo - Saturn Moon flight leaves. Includes scenes of vehicle assembly building, launch control Center and launch pads.
From the *APOLLO DIGEST* series.

LAW OF THE SEA
29 min, 16mm film, optical sd, col 1970
Producer USN *Agency No* MN10496
Title No 463099 *Sale* $115.50
Illustrates various legal problems that can arise at sea and their solutions.

LAYERED SILICONE MOLD TECHNIQUE FOR PROCESSING DENTURES, THE
30 min, 16mm film, optical sd, col
Producer USVA
Title No 004525 *Sale* W/DRAWN
Presents a technique for processing mold in the upper half of the flask. This new method of processing produces extremely accurate dentures, free of adhering calcium sulphate film or particles, and with the surfaces as smooth as the polished wax of the trial dentures.

LAYING OFF BULKHEADS
15 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 101
Title No 463475 *Sale* $32.50
Tells how to measure on bulkheads from the temporary line and establish the center of bulkhead openings. Describes the purpose for laying off the bulkheads and tells when to run the permanent line.
From the *SHIPBUILDING SKILLS* series. Marine Machinery Installation

LAYING OUT AND FORMING PLYWOOD
21 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 285
Title No 463485 *Sale* $43.25
Tells how to lay out plywood using blueprints and templates, form plywood in a press, reinforce plywood, and apply glue and varnish.
From the *AIRCRAFT WORK* series. Wood Fabrication, No. 3

LAYING OUT AND INSTALLING COMPARTMENT FIXTURES
12 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 114
Title No 463490 *Sale* $26.75
Tells how to locate installations on a planview blueprint, lay out ceiling fixtures and studs, lay out and burn a hole for the passage of cable, and install ceiling fixtures.
From the *SHIPBUILDING SKILLS* series. Marine Electricity, No. 5

LAYING OUT AND INSTALLING HANGERS
19 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 120
Title No 463500 *Sale* $40.50
Shows how to measure and cut hanger legs to length. Illustrates how to install stool, angle iron bracket, strap, rod, and saddle hangers.
From the *SHIPBUILDING SKILLS* series. Pipefitting, No. 5

LAYING OUT AND INSTALLING KICKPIPES AND STUFFING TUBES
16 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 110
Title No 463505 *Sale* $33.25
Tells how to locate the kickpipe or stuffing tube area, lay out the penetration area, cut or burn the penetration area, and install the kickpipe or stuffing tube.

LAYING OUT AND INSTALLING MAIN WIREWAY
21 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 111
Title No 463510 *Sale* $43.25
Tells how to determine from the blueprint the route the cables are to follow and the size of the hangers to be used.

• INDICATES NEW ENTRY

Describes how to lay out the raceways, install flat bars and hangers, and lay out penetration holes to be cut.
From the *SHIPBUILDING SKILLS* series. Marine Electricity, No. 2

LAYING OUT SMALL CASTINGS
16 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No.* OE 40
Title No. 002514 *Rental* $7.50 Sale $28.50
Shows how to lay out holes for drilling, locate a reference point, use hermaphrodite calipers, and use a combination square and surface gage.
From the *MACHINE WORK SHOP* series. Bench Work, No. 6

LAYING OUT, DRILLING AND TAPPING FLANGES ON SEA CHEST
19 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 098
Title No. 463560 *Sale* $40.50
Describes component parts of a sea chest. Tells how locations of flanges are checked, flanges leveled, stud hole centers are laid out, and stud holes drilled and tapped.
From the *SHIPBUILDING SKILLS* series. Marine Machinery Installation, No. 4

•LE CYTO-DIAGNOSTIC
19 min, 16mm film, optical sd, col
Producer IDCE
Title No. 004600 *Rental:* W/DRAWN Sale: W/DRAWN

LEADERS OF TOMORROW
20 min, 16mm film, optical sd, b&w 1949
Producer USA
Title No. 002515 *Rental* $7.50 Sale $42.50
Portrays Japanese teen-age boys and girls learning the principles of democracy at the Youth Training Centers sponsored in Japan by the American Red Cross and the Supreme Commander, Allied Powers.

•LEARNING TO LEARN IN INFANCY
30 min, 16mm film, optical sd, b&w 1970
Producer USDHEW
Title No. 002951 *Sale* $62.50
Stresses the essential role of curiosity and exploration in learning, and points to the kinds of experience that cultivate and stimulate an eager approach to the world. It also points out the cumulative nature of learning - even in infancy the ability to absorb and use new experiences depends on a backlog or context of experience. Ways are suggested in which adults can help infants make approaches, differentiate between objects and develup the earliest communication skills.

•LEARNING TO SPEAK, PT 1
20 min, 16mm film, optical sd, col
Producer USDHEW
Title No. 003711 *Sale* $84.00
Because the deaf child lacks the normal auditory system for reception of the speech signal and auditory feedback to monitor his own vocal production, the goal of instruction is to enable him to develop not normal but intelligible communication. this film is concerned with the characteristics of intonation, pitch articulation and vocal quality requisite to the attainment of intelligible speech within the phonological language system.

•LEARNING TO SPEAK, PT 2
25 min, 16mm film, optical sd, col
Producer USBEH
Title No. 000168 *Sale* $103.75
A continuation of the first half, part II concerns itself with perception of intonation patterns-how meaning is affected by stress, pitch and phrasing, and, developing and improving speech rhythm.

LEATHERNECK AMBASSADORS
15 min, 16mm film, optical sd, col 1961
Producer USN *Agency No.* MN09409
Title No. 466800 *Sale* $51.75
Shows the Marine Corps participation in the International Festival of Music, Edinburgh, Scotland, 1958.

LEGACY OF GEMINI
28 min, 16mm film, optical sd, col 1967
Producer USNASA *Agency No.* HQ 160
Title No. 002516 *Sale* $108.50
Presents the major accomplishments of the Gemini twoman space flights and the relationship of these accomplishments to the Apollo three-man flights that will lead to a lunar landing. Shows man in space and the Earth seen from space.

LEGAL REQUIREMENTS FOR BOATMEN
18 min, 16mm film, optical sd, col 1968
Producer USCG
Title No. 002517 *Sale* $66.00
Legal requirements, both state and federal, are discussed. Federal requirements for boat numbering and documenting, lifesaving devices, fire extinguishers, horns and whistles, lights and accident reports are shown.
CLEARED FOR TV.

•LEONARDO - TO KNOW HOW TO SEE
60 min, 16mm film, optical sd, col 1972
Producer USNGA *Agency No.* 107
Title No. 002123 *Sale:* W/DRAWN
Presents the life of Leonardo Da Vinci.

LEPTOSPIROSIS
16 min, 16mm film, optical sd, col 1960
Producer USNMAC *Agency No.* M-0329
Title No. 468225 *Sale* $55.00
Explains to professional personnel the various phases of leptospirosis. Discusses the possibility of human infection, and points out to laboratory personnel the various aspects of the disease.

LESSONS LEARNED FROM AIRCRAFT ACCIDENTS KNOW YOUR AIRCRAFT
21 min, 16mm film, optical sd, b&w 1967
Producer USA *Agency No.* TF46-3768
Title No. 469412 *Sale* $37.00
Discusses the problem of aircraft accidents resulting from aviators' lack of knowledge or disregard of aircraft limitations.

LET NATURE WORK FOR YOU
12 min, 16mm film, optical sd, col 1969
Producer USFHWA
Title No. 002518 *Sale* $52.50
Illustrates how natural plant regeneration can be used to assist highway maintenance engineers in beautifying the right-of-way after construction has been completed. Encourages maintenance crews to keep mowing operations to a minimum by not mowing the complete right-of-way, giving nature a chance to revegetate the areas with natural growth.

LET THE BUYER PREPARE
34 min, 16mm film, optical sd, col 1969
Producer USFSS
Title No. 002519 *Sale* $137.25
Procurement by negotiation is the theme of this film dealing principally with six major steps in the negotiation process. Four basic negotiations objectives are identified and some important do's and don'ts relating to negotiation are set forth.

LET US LIVE (REV ED)
20 min, 16mm film, optical sd, b&w 1959
Producer USIA *Agency No.* 26-00601RV
Title No. 004526 *Rental:* W/DRAWN Sale: W/DRAWN
Portrays refugees and displaced persons entering West Berlin. Explains steps being taken to rehabilitate them and gives their reasons for coming. This revised version contains new commentary which reflects the plight of the refugees from East Germany.

LET'S FINISH THE JOB
11 min, 16mm film, optical sd, col 1967
Producer USNMAC *Agency No.* M-1373
Title No. 002520 *Sale* $37.25
Shows the many breeding areas of the aedes aegypti mosquito in the modern city. Gives the life cycle of the mosquito and describes steps necessary to eradicate it.

LETTER FROM A MOTHER
10 min, 16mm film, optical sd, b&w 1955
Producer USA *Agency No* MF45-8438
Title No 002521 *Sale* $21.00
Shows an American mother's understanding of the role her son must play in defense of his country.
CLEARED FOR TV

LETTER TO A FRIEND
20 min, 16mm film, optical sd, b&w 1951
Producer USA *Agency No* 08-12164
Title No 002522 *Sale* $42.50
Explains how Japanese boys and girls correspond, as 'pen pals,' with boys and girls of their own ages in the United States.

LETTER TO LINDA
10 min, 16mm film, optical sd, b&w 1964
Producer USCG
Title No 473535 *O/PRINT*
Shows aspects of America's greatness from earliest days of history to the present time.
CLEARED FOR TV

LEVEES ON THE LOWER MISSISSIPPI
21 min, 16mm film, optical sd, col 1966
Producer USAE
Title No 002523 *Sale* $135.00
Emphasizes construction to tell the story of levees on the lower Mississippi River, using scenes of record floods to portray the need for flood control in the lower valley. Covers the history and development of levees, purpose and extent of the system, site section, the inspection, and maintenance.

LIBRARIES WITHOUT BARS
25 min, 16mm film, optical sd, b&w 1951
Producer USA
Title No 002524 *Sale* $52.50
Shows improvements being made in Japanese libraries to stimulate interest in reading and to encourage appreciation of art, music, and literature. Prepared for use in occupied areas, particularly in Japan.

LICENSE PLATE TRAFFIC SURVEY
12 min, 16mm film, optical sd, col 1968
Producer USFHWA
Title No 474940 *Sale* $42.00
Shows a method of conducting a traffic survey to obtain origination and destination information by the use of motion picture photography. Shows how the photographic equipment should be set up for recording license plates, how this information is transferred for electronic data processing, and how qualified results are obtained by means of a rapid follow-up.

LIFE CRISES AND PHYSICAL COMPLAINTS
40 min, 16mm film, optical sd, b&w 1966
Producer USNMAC *Agency No* T-1843-X
Title No 002525 *Sale* $80.25
Illustrates how obscure physical symptomatology can be clarified when placed in the context of the patient's life situation. (Kinescope)

LIFE CYCLE OF DIPHYLLOBOTHRIUM LATUM
17 min, 16mm film, optical sd, b&w 1950
Producer USPHS *Agency No* 04-00043
Title No 475900 *Sale* $30.50
Explains and traces by means of animation and photomicrography the life cycle of the broad tapeworm of man.

LIFE CYCLE OF ENDAMOEBA HISTOLYTICA IN DYSENTERIC AND NON-DYSENTERIC AMOEBIASIS
18 min, 16mm film, optical sd, col 1943
Producer USN *Agency No* MN 2617
Title No 475905 *Sale* $61.75
Shows the parasites as cysts in an ulcerated colon. Demonstrates by animation how the amoeba divides into eight amebulae which move about, and how the amoebae enter the blood.

LIFE HISTORY OF THE ROCKY MOUNTAIN WOOD TICK
18 min, 16mm film, optical sd, col 1969
Producer USNMAC *Agency No* M-1716-X
Title No 002526 *Sale* $74.25
Depicts the two-year life-cycle of the Rocky Mountain wood tick. Shows the biology of the various stages-adults, eggs, larvae, and nymphs, and includes such features as adaptibility to environment, host requirements, and natural controlling factors.

LIFEBOATS UNDER GRAVITY DAVITS - LAUNCHING BOATS
25 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No* MN07835A
Title No 002527 *Sale* $43.75
Shows the method of launching the Merchant Marine type of nested life-boats using the 'Welin Gravity Davit.' Demonstrates methods of launching at dockside and while underway at sea.

LIFEBOATS UNDER GRAVITY DAVITS - RECOVERING BOATS
15 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No* MN07835B
Title No 002528 *Sale* $27.00
Shows the single method of recovering the merchant marine type of nested life-boats using the 'Welin Gravity Davit.' Demonstrates an actual recovery.

LIFTING TEMPLATES FOR A FOUNDATION
23 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No* MN02338A
Title No 002529 *Sale* $40.50
Tells how to lift a template within the hull of a ship, and transfer the shape of the hull by use of measurements and cardboard.

* **LIFTING-A-WEIGHT AWAY**
10 min, 16mm film, optical sd, col 1970
Producer USPOST
Title No 003517 *Sale* $27.75
Illustrates proper methods of lifting parcels and sacks to reduce back injuries among postal employees. Features an olympic weight-ligting champion applying proper techniques to actual postal operations.

* **LIGHT FOR DEBRA, A**
21 min, 16mm film, optical sd, col
Producer USBEH
Title No 000341 *Sale* $109.50
An overview of the use of behavior modification through reinforcement as a tool to aid in concept, academic task and social development of the severely mentally retarded child. filmed in cooperation with Parsons Research Center, Parsons Kansas and Ferral institution, massachusetts.

LIGHT FROM A BLACK BOX
28 min, 16mm film, optical sd, b&w
Producer USOE *Agency No* OE 510
Title No 002530 *O/PRINT*
Documents experimental efforts to apply programmed instruction and auto-instructional devices in the education of mentally retarded children.

LIGHT-SENSITIVE MATERIALS
22 min, 16mm film, optical sd, col 1948
Producer USN *Agency No* MN05385
Title No 002531 *Sale* $74.75
Describes physics of light and color. Gives classification of light-sensitive materials according to light sensitivity and composition of lightsensitive materials.

LIGHT, VESSELS BEING TOWED
10 min, 16mm film, optical sd, col 1943
Producer USN *Agency No* MN00202F
Title No 002532 *Sale* $34.00
Shows inland light rules for barges and canal boats, scow barges, scows, nondescript vessels in New York harbor area, and dump scows in New York harbor.
From the *RULES OF THE NAUTICAL ROAD* series.

* INDICATES NEW ENTRY

LIGHTHOUSES AND LIGHTSHIPS
10 min, 16mm film, optical sd, col 1944
Producer USN *Agency No* MN00202AA
Title No 002533 *Sale* $34.00
Gives distinguishing characteristics of lighthouses and lightships. Illustrates fixed light, flashing light, fixed and flashing light, group flashing, occulting, and alternation of color flashes.

LIGHTS, RUNNING AND ANCHOR
18 min, 16mm film, optical sd, col 1944
Producer USN *Agency No* MN00202C
Title No 002534 *Sale* $61.75
Shows inland and international rules for color of lights. Describes position and visibility for masthead, side, range, and anchor lights and lights displayed by vessels being overtaken.

LINE-UP PROCEDURES FOR TACTICAL TELEGRAPH CARRIER EQUIPMENT
8 min, 16mm film, optical sd, b&w 1953
Producer USA *Agency No* TF11-1837
Title No 483610 *Sale* $14.25
Demonstrates the procedure for setting up tactical telegraph carrier equipment for two wire operations, and emphasizes various tests to determine its operating efficiency.

LINER AND PISTON
20 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No* MN03708H
Title No 002088 *Sale* $35.25
Tells how to inspect liner, disassemble piston rod assembly, inspect slipper rod assembly, inspect piston assembly and piston, and replace rings.

* **LINGALA - BASIC COURSE**
12 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No 004091 *Sale* $39.00
Cassettes and accompanying text are both available for $40.50.

OTHER FORMAT(S) or VERSION(S)
24 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No 004092 *Sale* $66.75
Tape set and accompanying text are both available for $68.25.

* **LINGUISTIC ANALYSIS**
2 min, s8mm cartridge, optical sd, col
Producer USBEH
Title No 003409 *Sale* $25.25
Sold only in a cartridge with expanding language and simplification of transformations. Presents short insights into home and school education of the profound hearing impaired.

LINK
8 min, 16mm film, optical sd, col 1967
Producer USAEC
Title No 005289 *Sale* $33.25
Explains that current experiments in high energy physics involve the analysis of immense quantities of data and describes the experimental computer approach needed in these experiments. Discusses the link program and demonstrates the use of a CDC-3600 computer to generate orchestral sounds as background music.

* **LIPOID PROTEINOSIS**
21 min, 16mm film, optical sd, col
Producer IDCE
Title No 004597 *Rental* W/DRAWN *Sale* W/DRAWN

LIQUID SCINTILLATION COUNTING
14 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No 002224 *Sale* $73.50
Describes the use of a liquid scintillator for counting low-energy beta emitters commonly used in biological and medical tracer experiments.

LISSAJOUS FIGURES
27 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-212B
Title No 004334 *Sale*: W/DRAWN
Shows lissajous figures on an oscilloscope. Discusses them in terms of their general use of phase and frequency determinations, and demonstrates their use. (Kinescope)

* **LISTEN AND TRANSCRIBE**
22 min, 1/4 in. audiotape, full-track, monaural
Producer USBEH
Title No 003410 *Sale* $85.00
Set includes 22 tapes.

LITTLE EXTRA WORK, A
9 min, 16mm film, optical sd, col
Producer USNMAC *Agency No* M-0995
Title No 002270 *Sale* $31.00
Shows the emotional conflicts involved in the working relationship between local and state health departments.

* **LITTLE FLAME, A**
28 min, 16mm film, optical sd, col 1965
Producer USDA *Agency No* 4189
Title No 003966 *Sale* $123.00
Shows the dangers of fires carelessly caused by trash burning, smoking, brush and grass burning, campfires, and children playing with matches. John Weaver, a public spirited insurance man, helps to lick the fire problems in his community.

* **LITTLE SMOKEY**
14 min, 16mm film, optical sd, col 1953
Producer USDA *Agency No* 1147
Title No 486440 *Sale* $60.00
Presents the story of 'Smokey', the bear cub which was found clinging to a charred tree after a forest fire in new Mexico and later taken to the National Zoo in Washington, DC. the importance of fire prevention is stressed.

LIVING IN SPACE
8 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No* AD 025
Title No 002275 *Sale* $35.00
A report on the problems and solutions of astronauts taking oxygen, water and food in space. Includes astronaut adjustments to such phenomena as weightlessness.
From the *APOLLO DIGEST* series.

LIVING IN SPACE, PT 1, THE CASE OF REGENERA TION
12 min, 16mm film, optical sd, col 1966
Producer USNASA *Agency No* HQ 0131A
Title No 002276 *Sale* $52.50
Introduces the concept of regenerative life support. Shows what is needed to provided men with clean fresh air, drinkable water, food, personal hygiene, waste disposal, temperature and humidity control.

LIVING IN SPACE, PT 2, REGENERATIVE PROCESSES
20 min, 16mm film, optical sd, col 1966
Producer USNASA *Agency No* HQ 0131B
Title No 002277 *Sale* $84.00
Shows the principles of physics, chemistry and mechanics employed in a regenerative life support system. Includes oxygen recovery, water purification, food and waste management, humidity and temperature control.

LIVING IN SPACE, PT 3, A TECHNOLOGY FOR SPACECRAFT DESIGN
12 min, 16mm film, optical sd, col 1966
Producer USNASA *Agency No* HQ 0131C
Title No 002307 *Sale* $48.50
Shows the features that must be incorporated into a spacecraft intended for long duration manned space flight and the technology that is being developed to solve the numerous problems.

LIVING WITH A GLOVED BOX
15 min, 16mm film, optical sd, col 1964
Producer USAEC
Title No. 002308 *Sale* $88.75
Explains the principles and techniques of working with a gloved box, an enclosure designed for handling low-activity radioactive materials. Discusses the air flow and pressures within the box, the bagging in and bagging out of materials, the procedures for changing the filter, and a method for handling a fire within the gloved box.

LIVING WITH LIMITATIONS
20 min, 16mm film, optical sd, b&w 1949
Producer USVA
Title No. 002309 *Sale* $35.25
Explains how three veterans suffering from arthritis, heart condition, and a trick knee, respectively, are returned to health. Shows how VA physical, occupational, and educational therapists work co-operative and how the patients are helped in finding jobs suited to their physical limitations.

LIVING WITH RADIATION
28 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No. 002310 *Sale* $117.50
Discusses in detail the radiation-safety program of National Atomic Energy Program, using the procedures at AEC's National Reactor Testing Station in Idaho as the typical illustrative example. Covers the separation-distance factor, the storage and/or dispersal of radioactive waste--protection of environmental monitoring--protection of workers by film badges, protective clothing, radiation counters, shielding, remote-control devices, decontamination procedures, and biochemical studies.

LOADED VOLTAGE DIVIDERS
33 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-133
Title No. 002311 *Sale* $68.25
Defines and illustrates 'load.' Then shows how to determine the voltage at each tap and the current through the loads and voltage dividers. Leads the student through a problem of calculating the volttage and current through a loaded voltage divider. Then shows how the direction of current flow and the polarity of the voltages across each resistor is determined. (Kinescope)

***LOADING AND UNLOADING POLES**
21 min, 16mm film, optical sd, b&w 1944
Producer USA *Agency No.* TF-11-1384
Title No. 003099 *Sale* $44.50
Shows procedures for loading poles on and unloading from a flatcar or trailer - safety precautions stressed.

LOADS & LOADING OF GENERAL TRANSPORT VEHICLES
18 min, 16mm film, optical sd, b&w 1954
Producer USA *Agency No.* TF55-1918
Title No. 487910 *Sale* $32.00
Shows characteristics of the five types of military cargo transported via vehicle and the prescribed loading procedures for each. Emphasis is on maximum authorized load, proper vehicle for given load, and safety precautions.

LOCATING AND REPAIRING LEAKS
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 440
Title No. 002312 *Sale* $30.50
How to test for sulphur dioxide and methyl chloride leaks - use the halide torch to locate freon leaks and repair several types of leaks.

LOCATING HOLES, DRILLING AND TAPPING IN CAST IRON
18 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No.* OE 047
Title No. 488300 *Rental* $7.50 Sale $32.00
Shows how to lay out a bolt circle having eight holes, to use the center punch as centers for drilling and to use a tapping chuck for set screws.
From the *MACHINE SHOP WORK* series. Operations on the Drill Press, Vertical Drill, No. 1

LOG OF MARINER IV
27 min, 16mm film, optical sd, col 1966
Producer USNASA *Agency No.* HQA 159
Title No. 488560 *Sale* $106.50
Discusses the problems of trajectory, mid-course correction, and transmission of photographs in digital form, and offers pictures of the Martian surface made from the Mariner flyby of the planet Venus in 1965.

LONG CANE, THE, PT 1, INDOORS
32 min, 16mm film, optical sd, b&w 1954
Producer USVA
Title No. 002313 *Sale* $55.25
Covers some of the problems of veterans who lose their sight following discharge from the service. Demonstrates therapeutic methods in general, and specific techniques of foot travel, including use of a long cane, physical re-training for mobility within the hospital, and preparation for advanced therapy.

LONG CANE, THE, PT 2, OUTDOORS
32 min, 16mm film, optical sd, b&w 1954
Producer USVA
Title No. 002314 *Sale* $55.25
Shows the therapy given blinded veterans in techniques of foot travel outside the hospital in uncontrolled areas, both residential and business, including uses of the long cane, sound detection, and problems related to public attitudes.

LONG CONE TECHNIQUE
11 min, 16mm film, optical sd, col 1963
Producer USN *Agency No.* D-9-R
Title No. 002315 *Sale* $42.50
Demonstrates the superiority of films produced by the 'long cone' technique and illustrates in detail the placement of film to produce images with the best anatomical accuracy.

LONG HAUL, THE
14 min, 16mm film, optical sd, col 1963
Producer USSSA
Title No. 002316 *Sale* $48.50
Shows a fisherman's efforts to provide for his family after a crippling accident. It explains the Social Security Disability Insurance protection.

***LONGER LIFE FOR WOOD**
17 min, 16mm film, optical sd, col 1954
Producer USDA *Agency No.* 1156-R
Title No. 003967 *Sale* $80.00
Designed to show the average user of wood the economic advantages of using treated wood in places where decay is likely to occur. Shows the value of good construction, and how improper construction can lead to early decay in wood. Portrays treatment of wood with preservatives in commercial treating plants, as well as home treatments on the farm and in the city.

LOOK FURTHER THAN TOMORROW
34 min, 16mm film, optical sd, b&w 1967
Producer USOJD
Title No. 490440 *Sale* $78.50
Discusses the pros and cons of summer youth involvement programs in Washington, D C.

***LOOP, THE**
14 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN01325A
Title No. 491300 *Sale* $75.0
Instructs in the procedure of making the loop and the precautions to take before leaving the ground.
From the *INTERMEDIATE ACROBACTICS* series. Pt 1

LORAN DUTY - A CHALLENGE
28 min, 16mm film, optical sd, col 1957
Producer USCG
Title No. 491325 *Sale:* W/DRAWN
Shows the physical appearance, location, operations, duties, and recreation at LORAN stations in the arctic and Pacific areas.

***LOST AND FOUND**

29 min, 16mm film, optical sd, col 1972
Producer USDL
Title No. 000392 *Rental* $12.50
Illustrates work with drop-outs and ghetto youths in the Job Corps Camps to develop their skills thru specialized training along union lines. These unions provide the instructors, know-how and continual counseling which eventually lead to good-paying beginners jobs in each of these unions.

LOST MIXING TIME ON DUAL-DRUM PAVER

30 min, 16mm film, optical sd, col 1959
Producer USFHWA
Title No. 491950 *Sale* $101.00
Highlights the importance of the simultaneous mixing interval in meeting mixing time specifications with dual-drum pavers. Shows some trouble spots and the significance of proper adjustments to the batchmeter.

LOST PRODUCTION IN HIGHWAY CONSTRUCTION

30 min, 16mm film, optical sd, col 1957
Producer USFHWA
Title No. 002317 *Sale* $101.00
Examines minor delays that affect production rates of key units of highway construction equipment, including power shovels, scrapers, hot-mix bituminous plants, and concrete paver.

***LOUDNESS - 1**

13 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No.* B-101
Title No. 003411 *Sale* $35.75
Illustrates an early lesson at the presentation stage of loudness and uses technique for handling inattention.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Essentials of Good Speech*

***LOUDNESS - 2**

13 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No.* B-102
Title No. 003412 *Sale* $29.50
Introduces a lesson at the imitation stage of loudness helping the pupil correctly imitate loud and soft vowels.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Essentials of Good Speech*

***LOUDNESS - 3**

15 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No.* B-103
Title No. 003413 *Sale* $34.25
Introduces a lesson demonstrating the production of vowels using requested loudness on first trials.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Essentials of Good Speech*

LOW LEVEL AIR NAVIGATION

22 min, 16mm film, optical sd, col 1960
Producer USN *Agency No.* MN06917
Title No. 492675 *Sale* $74.50
Demonstrates flight planning and flight techniques to be used by carrier attack pilots in the navigation portion of the low level attack mission. Shows how natural and man-made landmarks are selected and utilized in flight as checkpoints along the route flown. Follows a light carrier attack pilot through the flight planning and flying procedures of a simulated low level attack mission.

LSD

37 min, 16mm film, optical sd, col 1967
Producer USN *Agency No.* MN10507A
Title No. 492646 *Sale* $149.00
Outlines how LSD was discovered, the dangers of its misuse, and its effects on the brain and body. Features Walter Miner, LCDR, Medical Corps, USN.

LUBRICATION OF ELECTRONIC EQUIPMENT

9 min, 16mm film, optical sd, col 1953
Producer USN *Agency No.* MN 6942
Title No. 692710 *Sale* $31.00
Explains the importance of routine and methodical lubrication of electronic equipment according to recommended procedures.

***LUGANDA - BASIC COURSE**

10 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004093 *Sale* $32.50
Cassettes and accompanying text are both available for $34.75.

OTHER FORMAT(S) or VERSION(S)

10 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004094 *Sale* $53.00
Tape set and accompanying text are both available for $55.25.

LUMBAR PUNCTURE

13 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN1511N
Title No. 002318 *Sale* $23.75
Shows how to prepare a patient for a lumbar puncture. Indicates the position of the patient, describes the operation, and by animation demonstrates what happens when the injection is made.

LUNAR MODULE, THE

5 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No.* AD 007
Title No. 493300 *Sale* $23.50
A close-up look at the vehicle which made the actual touchdown on the lunar surface. Includes a view from the inside, as well as an examination of the exterior features.
From the *APOLLO DIGEST* series.

***LUNAR RECEIVING LAB**

8 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No.* AD-29
Title No. 493320 *Sale* $33.25
Shows the facilities at the laboratory of the Manned Spacecraft Center.

***LUPUS ERYTHEMATOSUS**

20 min, 16mm film, optical sd, col
Producer IDCE
Title No. 004335 *Rental:* W/DRAWN Sale: W/DRAWN

MACARTHUR STORY, THE

20 min, 16mm film, optical sd, b&w 1964
Producer USDOD *Agency No.* AFIF0132
Title No. 002341 *Sale* $45.25
Highlights the life of General Douglas Macarthur. Cites his leadership in three wars and reviews his peacetime contributions.

MACHINING A CAST IRON RECTANGULAR BLOCK

25 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No.* OE 020
Title No. 494500 *Rental* $10.00 Sale $43.75
Shows several processes, such as how to set the shaper ram stroke. Tells how to adjust the shaper table, vise, vertical feed, head feed and crossfeed, and set up a rectangular cast iron block.
From the *MACHINE SHOP WORK* series. Operations on the Shaper, No. 2

MACHINING A CAST IRON RECTANGULAR BLOCK (SPANISH)

25 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No.* OE 020
Title No. 002319 *Rental* $10.00 Sale $43.75
Shows several processes, such as how to set the shaper ram stroke. Tells how to adjust the shaper table, vise, vertical feed, head feed and crossfeed, and set up a rectangular cast iron block.
From the *MACHINE SHOP WORK* series. Operations on the Shaper, No. 2

MACHINING A TOOL STEEL V BLOCK
21 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No* OE 021
Title No 494550 *Rental* $7.50 Sale $37.00
Shows how to lay out work for machining on a shaper, set up and position the ram stroke, and machine 'V' grooves and rectangular slots.
From the *MACHINE SHOP WORK* series. Operations on the Shaper, No. 3

MACHINING LAMINATED PLASTICS
19 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 475
Title No 494600 *Rental* $7.50 Sale $33.75
Shows how to machine a typical laminated part, cut the tube stock to length on a circular saw, turn the outside diameters on a lathe, machine inside diameters by boring with a lathe and finish on a milling machine.
From the *PLASTICS* series. No. 10

MACHINING WORK HELD IN CHUCK - USE OF REFERENCE SURFACES
24 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 060
Title No 494650 *Rental* $10.00 Sale $42.25
Explains how to select and machine surfaces to be used for reference, how to set up a workpiece accurately to the reference surfaces in a lathe chuck and how to use a boring bar to machine several internal surfaces.
From the *MACHINE SHOP WORK* series. Operations on the Engine Lathe, No. 12

MACHINING WORK HELD IN CHUCK - USE OF REFERENCE SURFACES (SPANISH)
24 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 060
Title No 002320 *Rental* $10.00 Sale $42.25
Explains how to select and machine surfaces to be used for reference, how to set up a workpiece accurately to the reference surfaces in a lathe chuck and how to use a boring bar to machine several internal surfaces.
From the *MACHINE SHOP WORK* series. Operations on the Engine Lathe, No. 12

* **MAGIC OF FIRE, THE**
23 min, 16mm film, optical sd, col 1965
Producer USBM
Title No 003571 *Sale* $92.00
Illustrates how fires and explosions occur, and describes the safe use and control of commonly used gases and flammable liquids by the tabletop displays and laboratory demonstrations. Points out the various industrial fires and fire hazards in the home with instruction on their prevention.'

PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

MAGNETIC BOTTLE, THE - ATOMS FOR PEACE
11 min, 16mm film, optical sd, col 1958
Producer USIA *Agency No* 01-02421
Title No 004336 *Rental* W/DRAWN Sale W/DRAWN
Explains how thermonuclear fusion results in formation of hydrogen and helium atoms which develop tremendous heat and power. Questions man's ability to control what he creates. Made from the longer Atomic Energy Commission film 'Research Into Controlled Fusion.'

MAGNETIC CORES, PT 1, PROPERTIES
29 min, 16mm film, optical sd, b&w 1962
Producer USA *Agency No* TF11-3131
Title No 002321 *Sale* $50.25
Depicts properties of magnetic cores and their application in data processing system. Shows how info is stored and transferred from one core to another.

MAGNETIC CORES, PT 2, BASIC CIRCUITS
30 min, 16mm film, optical sd, b&w 1962
Producer USA *Agency No* TF11-3132
Title No 002535 *Sale* $52.00
Gives features and functions of single-diode, splitwinding, and inhibit transfer loops. Describes application of these loops singly or in combination.

MAGNETISM, PT A
34 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-135A
Title No 002322 *Sale* $70.50
Defines magnets and explains the difference between natural and artificial magnets. Discusses the characteristics of magnetic lines of force about a magnet and the laws of repulsion and attraction between magnets. Then gives the factors that affect the amount of repulsion and attraction. Finally, explains the theory of molecular arrangement in a magnet. (Kinescope)

MAGNETISM, PT B
34 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-135B
Title No 001030 *Sale* $70.50
Discusses magnetic terms--permeability, retentivity, flux, reluctance, residual magnetism, and magnetic shielding. Explains the characteristics of temporary and permanent magnets, concluding with a presentation of the basic shapes in which magnets are generally found. (Kinescope)

MAGNETRON
40 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-913
Title No 002324 *Sale* $82.25
Explains basically, how the traveling wave magnetron operates. Discusses the filters that exist in the magnetron and their effects on electron motion. Reviews the basic requirements of an oscillator, and shows how the magnetron meets these requirements. Points out factors that determine power and frequency, and emphasizes the effects of varying magnetic field.

MAIL DISTRIBUTION CLERK,THE
15 min, 16mm film, optical sd, col
Producer USPO
Title No 497655 *Sale* $62.00
Tells what the duties of a mail distribution clerk are and demonstrates the 'inside work' at a Post Office.

MAIL HANDLER, THE
12 min, 16mm film, optical sd, col
Producer USPO
Title No 497700 *Sale* $50.50
Demonstrates the responsibilities of the mail handler at a large Post Office.

MAINSTAY OF THE MAILS, THE
13 min, 16mm film, optical sd, col
Producer USPO
Title No 497850 *Sale* $54.00
Shows the complexity and importance of maintaining the equipment and buildings of today's postal system. Illustrates the latest mechanization equipment, and stresses the need for highly skilled maintenance employees.

* **MAINTAINING GOOD VOLTAGE ON RURAL DISTRIBUTION LINES**
37 min, 16mm film, optical sd, b&w 1953
Producer USDA *Agency No* 1180
Title No 003968 *Sale* $70.00
Presents a training aid to electric power system operating personnel to assist them in providing better electric service. It illustrates methods that may be used to evaluate voltage conditions on rural distribution systems. Means for voltage improvement are suggested.

* INDICATES NEW ENTRY

MAINTAINING GOOD WORKING CONDITIONS
9 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 152
Title No. 497950 *Rental* $5.00 Sale $15.75
Two supervisors describe specific ways which they used in improving working conditions.
From the *PROBLEMS IN SUPERVISION* series.

MAINTAINING GOOD WORKING CONDITIONS (SPANISH)
9 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 152
Title No. 002326 *Rental* $5.00 Sale $15.75
Two supervisors describe specific ways which they used in improving working conditions.
From the *PROBLEMS IN SUPERVISION* series.

MAINTAINING QUALITY STANDARDS
10 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 164
Title No. 497970 *Rental* $5.00 Sale $17.50
Tells how a supervisor learns that quality as well as quantity production is necessary and how such quality standards can be achieved and maintained.
From the *PROBLEMS IN SUPERVISION* series.

MAINTAINING QUALITY STANDARDS (SPANISH)
10 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 164
Title No. 002328 *Rental* $5.00 Sale $17.50
Tells how a supervisor learns that quality as well as quantity production is necessary and how such quality standards can be achieved and maintained.
From the *PROBLEMS IN SUPERVISION* series.

MAINTAINING THE HUP SERVICE TYPE HELICOPTER ROTOR SYSTEMS AND RELATED CONTROLS
16 min, 16mm film, optical sd, b&w 1952
Producer USN *Agency No.* FN07397B
Title No. 497960 *Sale* $28.50
Illustrates basic steps in the removal of rotor blades and hub, snubbers, flap restrainers, and dampers. Shows procedures for setting blade angle of incidence and checking control cable tensions.

MAINTAINING WORKERS' INTEREST
13 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 159
Title No. 498025 *Rental* $7.50 Sale $23.75
Dramatizes instances of employees doing poor work because their jobs do not interest them, and shows what the supervisor should do to detect and remedy such situations.
From the *PROBLEMS IN SUPERVISION* series.

MAINTAINING WORKERS' INTEREST (SPANISH)
13 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 159
Title No. 002329 *Rental* $7.50 Sale $23.75
Dramatizes instances of employees doing poor work because their jobs do not interest them, and shows what the supervisor should do to detect and remedy such situations.
From the *PROBLEMS IN SUPERVISION* series.

MAINTENANCE AND REPAIR OF STEAM CONDENSER CIRCULATING WATER SIDE
17 min, 16mm film, optical sd, b&w 1952
Producer USN *Agency No.* FN06733
Title No. 002330 *Sale* $40.50
Explains the principle and operation of the steam condenser, and shows the procedures of preparing, cleaning, inspecting, repairing, and testing a condenser.

MAINTENANCE SAFETY IN AVIATION - MURPHY'S LAW
10 min, 16mm film, optical sd, col
Producer USN *Agency No.* FN08642
Title No. 498125 *Sale* $34.00
Tells how improper installation of aircraft equipment can cause accidents.

MAINTENANCE TANK CLEANING - BUTTERWORTH METHOD
31 min, 16mm film, optical sd, b&w 1950
Producer USN *Agency No.* MN06689A
Title No. 006411 *Sale* $53.50
Explains how purposes govern procedures to be followed and shows basic techniques in applying butterworth method.

* **MAKE THE ROOF SAFE**
26 min, 16mm film, optical sd, col 1960
Producer USBM
Title No. 003553 *Sale* $101.75
Through filmic flashbacks, the two men relate other mining accidents that resulted in deaths of men they knew. Discusses how and why these occurred, and the safety precautions that could have prevented each accident.
PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

MAKING A COLD BEND ON A HAND POWERED MACHINE
13 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 108
Title No. 499150 *Sale* $28.50
Discusses the importance of bends in marine pipe installation. Shows how to measure pipe for bends and how to operate a hand-bending machine.
From the *SHIPBUILDING SKILLS* series. Pipefitting, No. 4

MAKING A CORE BOX FOR A FLANGED PIPE ELBOW
21 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 330
Title No. 499155 *Rental* $7.50 Sale $37.00
Tells how to use a pattern layout in making a core box, design a core box, lay out a curved core box piece, turn the core cavity in a curved piece, assemble a core box having a curved core piece, and finish the core box.
From the *PRECISION WOOD MACHINING* series. Fundamentals of Patternmaking, No. 10

MAKING A CORE BOX FOR A MACHINE BASE
12 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 334
Title No. 499160 *Rental* $7.50 Sale $22.25
Describes how a patternmaker, working from a casting, goes about the job of designing a core box. Tells how he examines the casting, visualizes the problem, makes the layout, and constructs the pattern and core boxes.
From the *PRECISION WOOD MACHINING* series. Problems in Patternmaking

MAKING A CORE BOX FOR A TAIL PRINT
18 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 350
Title No. 008479 *Rental* $7.50 Sale $32.00
Tells how to use dry sand cores in molding holes in castings, use pattern layout to make a core box, distinguish between core and core print, lay out the core print, add the core, and determine parting line of a core box.
From the *PRECISION WOOD MACHINING* series. Problems in Patternmaking

MAKING A CORE BOX FOR A VERTICAL CORE
19 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 329
Title No. 499165 *Sale* $40.50
Explains function of the sand core, how to make a half box, and how to use parted boxes. Describes how to use layout pattern in making a core box, prepare core box pieces, and assemble a core box.
From the *PRECISION WOOD MACHINING* series. Fundamentals of Patternmaking, No. 9

MAKING A FIVE TUCK SPLICE
26 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 143
Title No. 499220 *Rental* $10.00 Sale $45.50
Tells how to prepare the cable for splicing, and make the

* INDICATES NEW ENTRY

tucks. Includes a description of how to taper, set, serve, and shellac the splice.
From the *AIRCRAFT WORK* series. Control Cables, No. 2

MAKING A MASTER CONTOUR TEMPLATE
18 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 125
Title No. 499255 *Sale* $37.50
Describes purpose of a master contour template. Tells how to transfer a line from a linesboard to a piece of sheet metal, measure and record bevel angles, and the importance of frequent checks for accuracy.
From the *AIRCRAFT WORK* series. Templates, No. 1

MAKING A MASTER DEVELOPED LAYOUT, AND MAKING THE FORM BLOCK, PT 2
16 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 127
Title No. 499261 *Sale* $33.75
Tells how to complete the master developed layout by calculating and scribing the form block lines. Describes how to make the form block.
From the *AIRCRAFT WORK* series. Templates, No. 3

MAKING A MASTER DEVELOPED LAYOUT, PT 1
20 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 126
Title No. 499260 *Sale* $42.25
Tells how to make the complete pattern or master developed layout for a bulkhead in an airplane fin, using a master contour template.
From the *AIRCRAFT WORK* series. Templates, No. 2

MAKING A MATCHBOARD PATTERN
21 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 328
Title No. 499300 *Rental* $7.50 Sale $37.00
Shows how to sketch a matchboard, make patterns, prepare gates to connect patterns, prepare the runner for the cope side, assemble the matchboard, turn a draft taper on a hole and attach flask fixtures.
From the *PRECISION WOOD MACHINING* series.

MAKING A ONE-PIECE FLAT PATTERN
22 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 321
Title No. 499400 *Rental* $7.50 Sale $38.50
Shows how to identify the parts of the molding flask, to use shrinkage rules, to prepare the pieces, to make identical castings and to finish the patterns.
From the *PRECISION WOOD MACHINING* series.

MAKING A PATTERN FOR A FLANGED PIPE ELBOW
18 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 327
Title No. 499440 *Rental* $7.50 Sale $32.00
Tells how to make a right-angle layout, turn out separate core prints, make split flanges, set flanges into core prints, assemble half the pattern on the layout, dowel an elbow pattern, and apply leather fillets.
From the *PRECISION WOOD MACHINING* series. Fundamentals of Patternmaking, No. 7

MAKING A PATTERN FOR A MACHINE MOLDED STEEL GLOBE AND ANGLE VALVE
14 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 340
Title No. 499450 *Rental* $7.50 Sale $25.50
Explains how machine molding affects pattern design and how a patternmaker designs and constructs a pattern for a valve body, including the gating system.
From the *PRECISION WOOD MACHINING* series. Problems IN Patternmaking

MAKING A PATTERN FOR A THREE-PART MOLD
20 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 326
Title No. 499460 *Rental* $7.50 Sale $35.25
Gives reasons for the three-part pattern. Tells how to make the layout, segment the body or center section, eliminate end grain on large flanges, and turn large work on the end of the lathe.
From the *PRECISION WOOD MACHINING* series. Fundamentals of Patternmaking, No. 6

MAKING A PATTERN REQUIRING A COVER CORE
14 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 332
Title No. 499470 *Rental* $7.50 Sale $25.50
Shows how molding and coring problems lead to the choice of a cover core. Describes how a patternmaker designs a pattern and core boxes requiring a cover core, designs a cover print, and constructs a pattern for a cover pulley.
From the *PRECISION WOOD MACHINING* series. Problems In Patternmaking

MAKING A PATTERN REQUIRING BOX CONSTRUCTION
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 333
Title No. 499475 *Rental* $7.50 Sale $30.50
Tells how a patternmaker approaches the task of making a pattern for a duplicate of a casting, examines and measures the casting, visualizes the problem, and constructs the pattern.
From the *PRECISION WOOD MACHINING* series. Problems In Patternmaking

MAKING A PATTERN REQUIRING SEGMENTAL CONSTRUCTION
13 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 335
Title No. 499500 *Rental* $7.50 Sale $23.75
Explains why segmental construction is a preferred method for some patterns and shows how a patternmaker designs and constructs a pattern for a gear blank which requires segmental construction.
From the *PRECISION WOOD MACHINING* series. Problems in Patternmaking

MAKING A PATTERN USING A GREEN AND A DRY SAND CORE
14 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 331
Title No. 499510 *Rental* $7.50 Sale $25.50
Describes how a green sand core is molded. Tells how a patternmaker determines when to allow for a green sand core, designs a pattern allowing for a green sand core, and visualizes and constructs a particular pattern.
From the *PRECISION WOOD MACHINING* series. Problems IN Patternmaking

MAKING A PATTERN WITH A HORIZONTAL CORE
14 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 323
Title No. 499515 *Rental* $7.50 Sale $25.50
Tells when to use a horizontal core, and how to allow for shrinkage in bronze, lay out fillets, make horizontal core prints, true up a parting plane, dowel a pattern with a horizontal core, and turn crusher strips.
From the *PRECISION WOOD MACHINING* series. Fundamentals of Patternmaking, No. 3

MAKING A PATTERN WITH A TAIL PRINT
19 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 324
Title No. 499520 *Rental* $7.50 Sale $33.75
Depicts how to mold castings with holes, make a rough sketch for visualizing the actual casting, use dry sand cores, form core cavities by using tail prints, and make a layout including tail prints.
From the *PRECISION WOOD MACHINING* series. Fundamentals of Patternmaking, No. 4

MAKING A PATTERN WITH A VERTICAL CORE
14 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 322
Title No. 499525 *Rental* $7.50 Sale $25.50
Shows the importance of making a preliminary sketch. Tells how to make the layout, allow for shrinkage, allow for finish,

lay out the core prints, use the layout, assemble the pattern, allow for draft, and shellac the pattern.
From the *PRECISION WOOD MACHINING* series. Fundamentals of Patternmaking, No. 2

MAKING A SEGMENTED PATTERN
22 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 325
Title No. 499545 *Rental* $7.50 Sale $38.50
Tells how to plan segmentation of pattern, lay out segments and web, assemble the pattern, prepare a recessed hub, and finish the pattern.
From the *PRECISION WOOD MACHINING* series. Fundamentals of Patternmaking, No. 5

MAKING A SIMPLE CORE
15 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 424
Title No. 499550 *Rental* $7.50 Sale $27.00
Demonstrates how to prepare sand for coremaking, make a small cylindrical core in either one or two pieces, assemble a two-piece core and locate a vertical core in a mold to provide necessary venting. Shows how core gases escape when a mold is poured.
From the *FOUNDRY PRACTICE* series. Bench Molding, No. 2

MAKING A WIRE TEMPLATE
19 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN002337B
Title No. 002331 *Sale* $33.75
Shows how to draw lay-out measurements with and blueprints, transfer blueprints, find the radius with a beam compass, and bend a template.

MAKING A WRAPPED AND SOLDERED SPLICE
15 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 144
Title No. 499650 *Rental* $7.50 Sale $27.00
Demonstrates how to make a ball soldered terminal, prevent the wires from unlaying when cut, fit a cable to a thimble and make the wire wrap.
From the *AIRCRAFT WORK* series. Control Cables, No. 1

MAKING AN UNOCCUPIED BED
14 min, 16mm film, optical sd, b&w 1957
Producer USN *Agency No.* MN08576A
Title No. 006410 *Sale* $25.50
Demonstrates the procedures to be followed and the equipment and supplies needed to arrange a bed unit in a hospital ward or room.

MAKING AND REPAIRING TUBING CONNECTIONS
18 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 452
Title No. 499700 *Rental* $7.50 Sale $32.00
Shows how to straighten copper tubing, how to work, cut and dress copper tubing, how to make a flare for various sizes of tubing and how to sweat in a connector to cover a break.
From the *REFRIGERATION SERVICE* series. Commercial Systems, No. 5

***MAKING CONTACT - A BEGINNING IN SPEECH AND LANGUAGE THERAPY**
9 min, 16mm film, optical sd, col
Producer USDHEW
Title No. 000342 *Sale* $40.75
An instroduction to the field of speech pathology, the film centers around the role of the clinician in relation to children who do not communicate or relate.

MAKING ENDS MEET
11 min, 16mm film, optical sd, col 1969
Producer USSRS
Title No. 002332 *Sale* $44.75
Shows via film-a-graph techniques the successful operation of a day-care center in Perry, Georgia, where limited funds were available.

MAKING OF A CHAMPION, THE
20 min, 16mm film, optical sd, b&w 1963
Producer USIA *Agency No.* 01-02589
Title No. 004337 *Rental:* W/DRAWN Sale: W/DRAWN
Depicts the 89-day training period spent in the United States by 30 track and field athletes from 18 countries. A closing montage gives information about the progress the individual champions have made.

MAKING PATTERN, CORE BOXES, AND ASSEMBLING CORES FOR A WATER-COOLED MOTOR BLOCK
18 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 339
Title No. 500660 *Rental* $7.50 Sale $27.00
Tells how a patternmaker constructs the pattern and master core boxes, checks the working core boxes, and pastes up and assembles test cores.
From the *PRECISION WOOD MACHINING* series. Problems in Patternmaking

MAKING SHEET METAL REPAIRS
19 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 252
Title No. 500770 *Sale* $40.50
Describes how to remove damaged area around hole and lay out trim lines. Tells how to prepare hole to receive patch, 'bump' out plug and doubler, mark and drill plug and doubler, and rivet completed patch to part.
From the *AIRCRAFT WORK* series. Aircraft Maintenance

MAKING THE OCCUPIED BED
15 min, 16mm film, optical sd, b&w 1957
Producer USN *Agency No.* MN08576C
Title No. 162072 *Sale* $27.00
Demonstrates the procedure to be followed and the supplies and equipment needed to arrange a bed unit in the hospital room or ward while the bed is occupied by a patient.
CLEARED FOR TV.

***MAL DE MELEDA**
8 min, 16mm film, optical sd, col 1962
Producer ILDS
Title No. 004338 *Sale:* W/DRAWN
Shows examples of the reare keratodermia among inhabitants of the Adriatic Island of Meleda. Illustrates course and genetic transmission unique to Mal de Meleda.

MALARIA CONTROL ON IMPOUNDED WATER
19 min, 16mm film, optical sd, col 1948
Producer USNMAC *Agency No.* 04-00069.1
Title No. 002333 *Sale* $65.00
Depicts the malaria control program for the Kentucky Reservoir-planning operations, Reservoir clearance before impoundage, permanent control measures including dyking and de-watering, emergency control measures including house mosquito-proofing and spraying, and Reservoir operations.

***MALARIA ERADICATION**
17 min, 16mm film, optical sd, b&w 1958
Producer USIA *Agency No.* 01-02346
Title No. 004339 *Rental:* W/DRAWN Sale: W/DRAWN
Reviews world efforts to wipe out malaria. Shows the anopheles mosquito under the combined attack of the World Health Organization, UNICEF, the Pan-American Sanitary Organization, AID, and official and private groups in scores of countries.

***MALIGNANT ATROPHYING PAPULOSIS**
9 min, 16mm film, optical sd, col 1962
Producer ILDS
Title No. 004340 *Sale:* W/DRAWN
Reveals features and course of this rare and usually fatal dermatosis. Demonstrates lesions on the skin, eye, mucous membranes of the mouth, and, by laparoscopy, the large intestines.

***MAMMOGRAPHY - A SERIES**
45 min, 2x2 slide set, 1/4 in. audiotape, col 1973
Producer USNMAC
Title No. 003118 *Sale* $30.00
Shows an introduction to the field of mammography, useful to radiologists, physicians and mammographers.

BREAST DISEASES - THEIR IMPORTANCE IN YOUR --
DAILY PRACTICE
MAMMOGRAPHY TECHNIQUE
INTRODUCTION TO MAMMOGRAPHY

SUGGESTED FOR PROFESSIONAL GROUPS ONLY

***MAMMOGRAPHY TECHNIQUE**
11 min, 2x2 slide set, 1/4 in. audiotape, col 1973
Producer USNMAC *Agency No.* S-2801
Title No. 003120 *Sale* $10.00
Designed to be used as adjunct to basic set titled 'Introduction to Mammography'.
From the *MAMMOGRAPHY* series.
SUGGESTED FOR PROFESSIONAL GROUPS ONLY

MAMO OF COLBY
15 min, 16mm film, optical sd, col 1967
Producer USIA *Agency No.* 51-11251
Title No. 004341 *Rental:* W/DRAWN Sale: W/DRAWN
Describes the life of an Ethiopian student, Sebsibe Mamo, at Colby College in Maine. Concentrates on his performance as a star athlete on Colby's track team. Includes other sequences which show Mamo as an integrated part of college life.

***MAN AGAINST FIRE**
28 min, 16mm film, optical sd, col 1969
Producer USDA *Agency No.* 8300
Title No. 003969 *Sale* $139.00
Tells the story of man's fight to save forest resources from destruction by wildfire--by the use of his brain power and experience - muscle power and stamina, and technology and strategy. Federal, state, and local cooperative fire control measures protect our nation's water supply, timber, wildlife, recreation areas, and scenic wonders of the forests.

***MAN AGAINST FIRE (SPANISH)**
28 min, 16mm film, optical sd, col 1969
Producer USDA *Agency No.* 8300-S
Title No. 003798 *Sale* $139.00
Tells the story of man's fight to save forest resources from destruction by wildfire--by the use of his brain power and experience - muscle power and stamina, and technology and strategy. Federal, state, and local cooperative fire control measures protect our nation's water supply, timber, wildlife, recreation areas, and scenic wonders of the forests.

***MAN AND A RIVER, A**
15 min, 16mm film, optical sd, col 1973
Producer USEPA
Title No. 000690 *Sale* $64.25
Depicts a river and a man in love with it. The river is the Buffalo, and the man is Thomas Hart Benton, American painter, conservationist and raconteur.

***MAN AND HIS HABITS**
13 min, 16mm film, optical sd, col 1969
Producer USBM
Title No. 003532 *Sale* $52.50
Shows how man's habits may endanger his safety by becoming routine - when carried over to his work. By visual examples, the worker is shown how to aCquire safe work habits by practicing safety at home and on the job.
From the *FOREMANSHIP TRAINING* series.
PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

MAN AND RADIATION
28 min, 16mm film, optical sd, col 1963
Producer USAEC
Title No. 502065 *Sale* $98.00
Describes many aspects of radiation and presents a survey of the widespread application of radiation in medicine, industry, agriculture, power and research. Uses animation to explain the different types of radiation and the alpha, beta, and gamma rays. Discusses radiation studies in photosynthesis using radiochromatography, as well as the Atomic Energy Commission's research on food preservation through irradiation, the Army's projects, and the use of radiation to produce plastics in wood.

MAN AND SAFETY - PHYSICAL LIMITATIONS
24 min, 16mm film, optical sd, col 1963
Producer USAF *Agency No.* TF 5522B
Title No. 502075 *Sale* $81.50
Describes man's physical limitations and relates them to human error accidents. Delineates human frailties in movement, sound, vision, balance and vertigo, tactile sensitivity, perception and reflexes. Reconstructs several accidents to show consequences of exceeding one's physical capacities.
CLEARED FOR TV.

MAN AND THE ATOM
59 min, 16mm film, optical sd, col 1965
Producer USAEC
Title No. 002335 *Sale* $198.00
Surveys the role of the Atomic Energy Commission in Nation's Atomic Energy program. Reviews the atom's place in national defense, and shows the mining of uranium and processing into fissionable materials. Materials. Reviews some aspects of the peaceful uses of nuclear explosives, surveys radioisotopes and their many applications, discusses the SNAP program, explores some aspects of high energy physics, and concludes with statements by Dr. Glenn T. Seaborg concerning the future of the Nation's Atomic Energy program.

MAN AND THE FBM
28 min, 16mm film, optical sd, col 1960
Producer USN *Agency No.* MN09400B
Title No. 002336 *Sale* $94.50
Shows the fleet ballistic missile submarine and discusses the recruitment and training of the personnel who will operate the Navy's nuclear weapons system.

MAN IN FLIGHT
19 min, 16mm film, optical sd, col 1960
Producer USAF *Agency No.* TF01-5371
Title No. 502175 *Sale* $65.00
Depicts the research being carried on at the School of Aviation Medicine, Brooks Air Force Base, Texas, to insure man's comfort and safety in flight. Discusses what science is doing to resolve biological problems and alleviate the emotional stresses which man will encounter when he is in space. Shows the intensive training conducted for U S Air Force Medical Service officers and airmen and medical personnel of allied nations.

***MAN IN GREEN, THE**
29 min, 16mm film, optical sd, col 1970
Producer USDA *Agency No.* 9090
Title No. 003784 *Sale* $141.00
Tells the story of the state forestry organizations. The state forester, the district ranger, the service forester, and the urban forester function in their state capitals, and their states forests, private woodlands, and metropolitan areas.

***MAN IN SPACE - THE SECOND DECADE**
28 min, 16mm film, optical sd, col 1971
Producer USNASA *Agency No.* HQ 206
Title No. 502325 *Sale* $117.25
Briefly relates the history of the manned space flight program and then presents the lunar mission prospects for 1971 and 1972, the first experimental space station called 'Skylab' in 1972 and 1973, and the Space Shuttle later in the decade.

MAN IN SPORTS
8 min, 16mm film, optical sd, b&w 1968
Producer USIA *Agency No.* 01-11698
Title No. 004342 *Rental:* W/DRAWN Sale: W/DRAWN

An imaginative treatment of the still photographic exhibit 'Man in Sports' at the Baltimore Museum of Art, January, 1968. Emphasizes the importance of sports as A common denominator among peoples and as a factor in Man's development of a fuller, more creative life.

MAN IN THE SEA
30 min, 16mm film, optical sd, b&w 1967
Producer USIA *Agency No.* 01-01666
Title No. 004343 *Rental:* W/DRAWN Sale: W/DRAWN

Shows oceanographic work being done by the United States. Includes footage of Sea Laboratory 2.

From the *REPORT FROM AMERICA* series.

MAN IN THE SEA - STORY OF SEA LAB 2
28 min, 16mm film, optical sd, col 1966
Producer USN *Agency No.* MN10100B
Title No. 002337 *Sale* $94.50

Describes Sea Lab II experiment, under-water photography inside Sea Lab and in the sea around the vehicle.

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MAN OR WOMAN FOR THE JOB, THE
15 min, 16mm film, optical sd, col
Producer USSBA
Title No. 002338 *Rental* $10.00 Sale $48.50

Points out the importance of effective employee recruitment and selection procedures through the experiences of a small print shop owner who learned the hard way that such procedures are necessary. Brief vignettes of other types of business reflect various sources of employees.

MAN WITH THE TORQUE WRENCH, THE
10 min, 16mm film, optical sd, b&w 1958
Producer USAF *Agency No.* TF01-5214
Title No. 503230 *Sale* $17.50

Demonstrates proper use of torquing equipment, emphasizes the importance of torquing and the serious consequences that may result from improper torquing, and shows different types of torque wrenches used by the Air Force.

*** MAN'S REACH SHOULD EXCEED HIS GRASP, A**
24 min, 16mm film, optical sd, col 1972
Producer USNASA *Agency No.* HQ 219
Title No. 002124 *Sale* $99.75

Presents the story of flight and of man's reach for a new freedom through aviation and the exploration of space. From the Wright brothers' flight at Kitty Hawk to the landing on the Moon and future missions to the planets, the film depicts the fulfillment of the ancient dream of flight. Through the use of multiple images, the creative role of research is emphasized. Voices of scientists and statements by writers, poets and philosphers document man's search for knowledge. Narrated by Burgess Meredith.

*** MAN'S SHORTCOMINGS**
13 min, 16mm film, optical sd, col 1969
Producer USBM
Title No. 003533 *Sale* $50.50

Dramatically enacted scenes show how man's personality quirks may endanger his and other workers' safety suggestions are given to avoid or change this mental attitude and prevent these nonsensible actions.

From the *FOREMANSHIP TRAINING* series.

PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

MANAGEMENT CONCEPTS FOR DEPOT MAINTENANCE
32 min, 16mm film, optical sd, b&w 1963
Producer USAF *Agency No.* FTA 0577
Title No. 503555 *Sale* $55.25

Describes four major systems in USAF maintenance management structure and outlines their functions in supporting operation of depot maintenance shops. Directs attention to reports, summaries, and shows how these devices are used to control labor, production, and cost.

CLEARED FOR TV.

MANAGEMENT IMPROVEMENT - IT'S YOUR BUSINESS
26 min, 16mm film, optical sd, col 1959
Producer USN *Agency No.* MN08725
Title No. 503557 *Sale* $88.00

Shows through the use of animation, that good management means effective use of men, money, materials, and facilities.

MANAGEMENT OF CARCINOMA OF THE UTERINE CERVIX
90 min, 16mm film, optical sd, b&w 1967
Producer USNMAC *Agency No.* T-1974-X
Title No. 002339 *Sale* $173.75

Discusses several approaches to the problem of management of carcinoma of the uterine cervix, as presented to the 1967 American Radium Society meeting in Toronto, Canada. (Kinescope)

MANAGEMENT OF HEMOSTATIC PROBLEMS
90 min, 16mm film, optical sd, b&w 1968
Producer USNMAC *Agency No.* T-1870-X
Title No. 002340 *Sale* $188.50

Reviews the pathophysiology of hemostasis and coagulation. Discusses emergency bleeding problems, diagnosis and management of hemorrhage in an anticoagulated patient, bleeding problems of the hemophilioid, and platelet disorders. (Kinescope)

MANAGEMENT OF THE LEPROSY PATIENT
19 min, 16mm film, optical sd, col 1960
Producer USNMAC *Agency No.* M-0392
Title No. 002702 *Sale* $65.00

Discusses the work of the Public Health Service Hospital at Carville, LA., In treating and rehabilitating leprosy patients. Shows effectiveness of the sulfone drugs which are the principal agents of treatment today.

MANAGEMENT OF THE TUBEROSITY AREA IN PERIODONTICS
12 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No.* D-64-PE
Title No. 002342 *Sale* $41.50

Demonstrates the use of an internal beveled flap procedure in the treatment of an infrabony pocket involving a maxillary molar. Bony contouring creates physiologic architecture. The rationale of this procedure is explained and postoperative results are shown.

*** MANAGEMENT'S ROLE IN HEALTH AND SAFETY**
15 min, 16mm film, optical sd, col 1972
Producer USBM
Title No. 003552 *Sale* $60.00

Defines management's responsibility for the health and safety of the men working in our nation's mines. Points out various environmental health problems, safety hazards, and offers possible solutions, with emphasis on effective safety training.

PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

MANSON'S BLOOD FLUKE
16 min, 16mm film, optical sd, b&w 1948
Producer USNMAC *Agency No.* 04-00034
Title No. 504345 *Sale* $28.50

Demonstrates stages in life cycle of schistoma mansoni in secondary and primary hosts. Explains the biologic relationships between the blood fluke and its hosts-man and snail

* INDICATES NEW ENTRY

and discusses the pathology of manson's schistomiasis in man. Primarily animation photomicrograghy.

MANUAL CUTTING A BEVEL - FREEHAND

13 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 187
Title No. 504350 *Sale* $23.75
Shows how to select a tip for bevel cutting, clean a tip, adjust oxygen and acetylene pressure for bevel cutting and cut a bevel with minimum drag.
From the *WELDING PROCEDURES* series. Oxygen Cutting, No. 2

MANUAL CUTTING A SHAPE - FREEHAND GUIDED

16 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 188
Title No. 504351 *Rental* $7.50 Sale $28.50
Shows how to make plywood template for cutting, make a tip guide device, position a template for cutting, use the guide device and use a circle cutting device.
From the *WELDING PROCEDURES* series. Oxygen Cutting, No. 3

MANUAL CUTTING TO A LINE - FREEHAND

21 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 186
Title No. 504400 *Rental* $7.50 Sale $37.00
Shows how to assemble an oxyacetylene cutting outfit, select proper cutting tip, adjust oxygen and acetylene delivery pressures, adjust the preheating cutting flames, make a 90 degree free-hand cut and disassemble the cutting outfit.
From the *WELDING PROCEDURES* series. Oxygen Cutting, No. 1

MANY FACES OF ARGONNE, THE

60 min, 16mm film, optical sd, col 1963
Producer USAEC
Title No. 002343 *Sale* $185.00
Surveys the multi-activities conducted by the Argonne National Laboratory. Discusses the work of the CP-5 Reactor, the Experimental Breeder Reactor II, and the Zero Gradient Synchrotron Accelerator. Gives information on methods of protecting atomic scientists from radiation. Describes a wide range of experimental studies, including studies of the effects of radiation, studies of neonatal death rates, studies of leukemia, and color center studies on the structure of crysals.

* MARGARINE DISEASE, THE

12 min, 16mm film, optical sd, col 1962
Producer ILDS
Title No. 004344 *Sale:* W/DRAWN
Shows clinical pictures, epidermic findings in relation to the ingestion of a chemical, and measures which led to the discovery of the probable cause of this unusual disease.

* MARIHUANA

5 min, 16mm film, optical sd, col 1971
Producer USNIMH
Title No. 002125 *Rental* $7.50 Sale $18.25
Explains sources and effects on the individual personality, admitting that science has not yet fully researched this drug.
From the *SINGLE CONCEPT DRUG FILMS* series.

OTHER FORMAT(S) or VERSION(S)

24 min, audiotape cassette, 2-track, monaural
Producer USNIMH
Title No. 002126

MARIHUANA, LSD AND THE MIND - A DILEMMA FOR MEDICINE AND SOCIETY

90 min, 16mm film, optical sd, b&w 1968
Producer USNMAC *Agency No.* T-1878-X
Title No. 002344 *Sale* $187.00
Analyzes psychopharmacology by a panel discussion of drugs from different standpoints, including--who takes them and why, and some philosophical observations, perturbations, and possible therapeutic uses. Points out that even those drugs such as marihuana and LSD are poorly understood and widely feared. States that problems of research and control will increase, as will public concern. (Kinescope)

* MARINE CORPS JUNIOR ROTC

20 min, 16mm film, optical sd, col 1972
Producer USN *Agency No.* MN-10940
Title No. 002127 *Sale* $81.75
Shows how the students, in uniforms, participate in drill team and drum and bugle corps activities, sanctioned rifle matches and other appropriate activities.

MARINE DIESEL ENGINES FOR POWER BOATS

16 min, 16mm film, optical sd, b&w 1942
Producer USN *Agency No.* MN00047
Title No. 002345 *Sale* $28.50
Explains the mechanical operation of the DB, and its points of difference from the DD.

MARINE GAS TURBINE ENGINES - PRINCIPLES OF OPERATION

19 min, 16mm film, optical sd, col 1952
Producer USN *Agency No.* MN07407A
Title No. 002346 *Sale* $65.00
Explains the basic principle of the gas tubine engine, variations in the design of turbines currently in use, and the application of the gas turbine in the operation of pumps, boats, trucks, and helicopters.

MARINE GAS TURBINE ENGINES - THE SOLAR T-45 ENGINE

23 min, 16mm film, optical sd, col 1960
Producer USN *Agency No.* MN07407C
Title No. 002347 *Sale* $78.25
Discusses the basic concepts behind the gas turbine engine, its assembly and operation, unit accessories and how to operate the unit.

MARINE GAS-TURBINE ENGINE - TROUBLE SHOOTING

16 min, 16mm film, optical sd, col 1954
Producer USN *Agency No.* MN07407B
Title No. 002348 *Sale* $55.00
Describes the general procedure for locating the cause of trouble when a gas-turbine engine fails to start, to attain power, to keep oil pressure, or to maintain performance.

* MARINER/MARS, 1969

28 min, 16mm film, optical sd, col 1971
Producer USNASA *Agency No.* HQ 208
Title No. 506877 *Sale* $87.50
Reviews the principal features of Mars that were known prior to 1969 and those that were determined by the two Mariner spacecraft that passed close by in 1969. Numerous photographs of the Martian Surface are incorporated.

MARINES, 1965

15 min, 16mm film, optical sd, col 1966
Producer USMC *Agency No.* MH10364
Title No. 002349 *Sale* $62.25
Highlights Marine Corps activities during 1965, including battle operations and civic action in the Dominican Republic and Vietnam.

* MARK OF QUALITY

13 min, 16mm film, optical sd, col 1968
Producer USDA *Agency No.* 5742
Title No. 004542 *Sale* $69.00
Explains the process of grading meat in order to help the housewife decide which cuts to purchase.

* MARK WATERS STORY, THE

26 min, 16mm film, optical sd, col 1969
Producer USNMAC
Title No. 507400 *Sale* $103.00
Depicts the true story of a man dying of lung cancer who writes his own obituary. Directed by and starring Richard Boone.

CLEARED FOR TV.

* MARKET CATTLE TESTING FOR BRUCELLOSIS

11 min, 16mm film, optical sd, col 1962
Producer USDA *Agency No.* 3078
Title No. 003970 *Sale* $50.00
A description of the Market Cattle Testing Program in the language of the cattleman. Discussion by two cattlemen points out that MCT is the useful method for initially certifying

and re-certifying 'modified certified brusellosis areas' and that the program makes on-the-ranch testing unnecessary in 95 percent of the herds of cattle.

✻ **MARKETING RESEARCH PAYS OFF**
13 min, 16mm film, optical sd, col 1959
Producer USDA *Agency No.* 1408
Title No. 003971 *Sale* $59.00
Agricultural research saves many millions of dollars a year in costs of marketing farm products. Shows USDA scientists at work improving marketing methods, reducing processing and handling costs, expanding markets for farm products, and providing a better living for Americans. Resulting savings are many times the cost of the entire research program.

MARSUPIALIZATION OF A HYDATID CYST OF ECHINOCOCCUS GRANULOSIS IN THE LIVER
14 min, 16mm film, optical sd, col 1963
Producer USNMAC *Agency No.* M-0627
Title No. 002350 *Sale* $48.50
Demonstrates the serologic and radiologic findings confirming the diagnosis of hydatid cyst in a 21-yearold white male.

MARSUPIALIZATION OF AN ANTERIOR MAXILLARY CYST
7 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No.* D-087
Title No. 002351 *Sale* $29.75
Illustrates a surgical technique for the marsupilization of a maxillary cyst. Explains the advantages and indications for this procedure. Uses drawings and radiographs for clarification.

MARTIAN INVESTIGATORS, THE
28 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No.* HQ 195
Title No. 002352 *Sale* $115.50
Shows reactions of scientists to man's first close-up pictures of the planet Mars. Summarizes the principal results of the Mariner 6 and 7 observations of Martian craters and polar ice cap as the twin spacecraft passed within 2,000 miles of the planet in 1969.

MASK, THE
33 min, 16mm film, optical sd, b&w 1965
Producer USNMAC *Agency No.* MIS-0874
Title No. 508450 *Sale* $56.75
Informs the police that alcohol may mask symptoms of both physical and mental disorders and suggests a system of observation that begins when a person is first seen by the police. It emphasizes the significance of alcoholism as a problem and stresses the increasingly humanitarian role of the police.

MASSETER, TEMPORAL MUSCLES AND TEMPORAL FASCIA
64 min, 16mm film, optical sd, col 1959
Producer USVA
Title No. 004345 *Sale:* W/DRAWN
Demonstrates, on a cadaver, an anatomical dissection of the head and neck, the temporomandibular joint, masticatory muscles, deep spaces of the face, and the third division of the trigeminal nerve.

MASTERY OF SPACE, THE
58 min, 16mm film, optical sd, col 1962
Producer USNASA *Agency No.* HQ 009
Title No. 002353 *Sale* $240.00
Traces the development of Project Mercury and documents the sub-orbital flight of Freedom 7 as well as the orbital flight of Friendship 7 on February 20, 1962. Project Gemini, Apollo and the Saturn booster are also briefly discussed.

✻ **MATERIAL HANDLING IN AAF DEPOTS**
25 min, 16mm film, optical sd, b&w 1943
Producer USAF *Agency No.* TF-1-4126
Title No. 003107 *Rental* $10.00 Sale: W/DRAWN
Shows and explains methods of handling and moving material in USAF storage depots.

MATERIAL HANDLING PRINCIPLES IN TRANSPORTATION
20 min, 16mm film, optical sd, b&w 1960
Producer USAF *Agency No.* SFP 1017
Title No. 509187 *Rental* $7.50 Sale $35.25
Shows the waste of money, time and man-hours when material handling and loading practices are faulty. Demonstrates, from shipping to receiving, the right and wrong ways to handle military cargo. Emphasizes the importance of using the right equipment to transport items.

MATERIALS HANDLING EQUIPMENT OPERATION GANTRY TRUCK AND WAREHOUSE CRANES
21 min, 16mm film, optical sd, b&w 1953
Producer USN *Agency No.* MN 7285-B
Title No. 002354 *Sale* $37.00
Shows the uses and operations of gantry truck and warehouse cranes, and discusses safety precautions.

✻ **MATERNITY CARE - LABOR AND DELIVERY**
37 min, 16mm film, optical sd, col 1964
Producer USN *Agency No.* MN09538D
Title No. 002355 *Sale* $124.00
Explains events which occur during labor and delivery and helps pregnant women understand ways in which they can contribute to their own comfort and the baby's safety. Attempts to minimize the apprehension and groundless fears of primiparas. Explains the difference between false and true labor, what happens to the cervix and uterus, and common signs for the start of labor.

MATHEMATICS - UNENDING SEARCH FOR EXCELLENCE
28 min, 16mm film, optical sd, b&w 1963
Producer USOE *Agency No.* OE 501
Title No. 002356 *Rental* $10.00 Sale $48.75
Demonstrates a variety of new media being used to improve mathematics instruction in elementary and secondary schools.

MATHEMATICS THROUGH DISCOVERY
25 min, 16mm film, optical sd, b&w 1963
Producer USOE *Agency No.* OE 500
Title No. 002357 *Rental* $10.00 Sale $43.75
Shows how skilled instructors use a 'learner discovery' method in teaching new concepts in mathematics at elementary and secondary school levels.

MATTER OF PERSPECTIVE, A
8 min, 16mm film, optical sd, col
Producer USNMAC *Agency No.* M-0994
Title No. 509890 *Sale* $27.75
Shows a problematical situation intended as a stimulus to guide group discussion. Describes a young mother's difficulty in having her children vaccinated at a county clinic.

MATTER OF PROTECTION, A
28 min, 16mm film, optical sd, col 1963
Producer USNMAC *Agency No.* MIS-0744
Title No. 002358 *Sale* $94.50
Shows how to answer pertinent questions about epidemics, and show the nation's health is protected. It shows how the Service seeks causes and cures of disease, and how the Public Health Service, working with many professional allies, helps advance the health of 180 million Americans.

✻ **MEANWHILE BACK ON EARTH**
14 min, 16mm film, optical sd, col 1972
Producer USNASA *Agency No.* HQ 225
Title No. 002128 *Sale* $60.00
Illustrates impact on the design field in such applications as automobile suspension systems, large coliseum domes, antenna towers, helicopters, electric power plants, paper pulp making, railbeds and skyscrapers.

MEASUREMENT WITH LIGHT WAVES
15 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 174
Title No. 002359 *Rental* $7.50 Sale $27.00
Shows principles of measurement with light waves, nature of light waves, cause of interference bands and use of these bands in ultra-precision measurement, and procedures used in gage block inspection.

From the *ENGINEERING* series.

* **MEASURING HEARING**
11 min, 16mm film, optical sd, col
Producer USBEH
Title No. 000343 *Sale* $44.75
Procedures employed in measuring the capacity of the auditory system of the learning impaired child vary according to the age of the child, the stimulus presented and the response anticipated. Several evaluation techniques are herein presented.

MEASURING PIPE, TUBING AND FITTINGS
15 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 105
Title No. 512400 *Sale* $32.50
Explains how to identify types of pipe, tubing and fittings, use basic measuring tools, measure pipe for offsets and make allowances for fittings and offsets in measuring pipe.
From the *SHIPBUILDING SKILLS* series. Pipefitting, No. 1

MECHANICAL OPERATION OF THE MODEL 28 TELETYPEWRITER - AUTOMATIC TYPER SELECTING...
11 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN 09237B
Title No. 513100 *Sale* $24.50
FULL TITLE--(MECHANICAL OPERATION OF THE MODEL 28 TELETYPEWRITER - AUTOMATIC TYPER SELECTING MECHANISM. Shows the chain of action in the automatic typer of the Model 28 Teletypewriter (tt-47a/ug) from the signal gererator to and through the selecting mechanism that operates the code bars.
CLEARED FOR TV

MECHANICAL OPERATION OF THE MODEL 28 TELETYPEWRITER - FUNCTION MECHANISM
11 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN 09237D
Title No. 513101 *Sale* $21.75
Shows the mechanical chain of action in the function mechanism of the Model 28 Teletypewriter (tt-47a/ug). Emphasizes the operation of the function clutch as opposed the main shaft clutch.

MECHANICAL OPERATION OF THE MODEL 28 TELETYPEWRITER - KEYBOAD TRANSMITTING MECHANISM
13 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN 09237A
Title No. 002360 *Sale* $27.50
Shows the mechanical operation of the keyboard transmitting mechanism of the Model 28 Teletypewriter (tt37a/ug). Traces the action from the key punched to the signal generator and explains each part in the chain between keyboard and generator.

MECHANICAL OPERATION OF THE MODEL 28 TELETYPEWRITER-TYPE BOX POSITIONING MECHANISM
20 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN 09237C
Title No. 513103 *Sale* $39.75
Shows by means of close live photography the chain of action of the mechanical levers that position the type box of the Model 28 Teletypewriter (tt-47a/ug) in the proper position so that the letter or figure key that is punched may be printed.

MECHANICAL PACKING ABOARD SHIP
30 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No.* MN02505
Title No. 002361 *Sale* $52.00
Demonstrates how to pack a spiral wound gasket and a steam reciprocating pump rod, re-pack a centrifugal part, and replace packing around a condenser tube.

MECHANICAL PREPARATION OF THE ROOT CANAL
16 min, 16mm film, optical sd, col
Producer USVA *Agency No.* D-15-E
Title No. 002362 *Sale* W/DRAWN
Illustrates debridement, enlarging, irrigation, and chemical disinfection. Emphasizes the aseptic precautions to be taken in strict bacterial culture control. Presents close-ups of important detailed detailed action in each of the steps listed above.

MECHANICAL REFRIGERATION - HOW IT WORKS
22 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN 02246A
Title No. 002363 *Sale* $38.50
Explains the function, theory, and operation of a refrigeration system.

MECHANISMS OF THE INTRINSIC MUSCLES OF THE LARYNX
25 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No.* M-899
Title No. 002364 *Sale* $84.75
Demonstrates the cartilaginous and musculature anatomy of the human larynx. Demonstrates the functions of the muscles during speech, breathing, etc.

* **MECHANIZED TRAIL EQUIPMENT**
28 min, 16mm film, optical sd, col 1958
Producer USDA *Agency No.* 1373
Title No. 513535 *Sale* $127.00
Demonstrates the safe and proper operation of mechanized trail grades and winches. This equipment is especially developed for forest trail construction and maintenance.

MEDAL OF HONOR - A TEAM MAN
5 min, 16mm film, optical sd, b&w 1967
Producer USAF *Agency No.* SFP 1544G
Title No. 513553 *Sale* $9.25
Cites Forrest Vosler for bravery and self-sacrifice while serving as a radio operator-air gunner on a mission over Bremen, Germany, in 1943.
CLEARED FOR TV

MEDAL OF HONOR - ACE OF ACES
5 min, 16mm film, optical sd, b&w 1967
Producer USAF *Agency No.* SFP 1544A
Title No. 513555 *Sale* $9.25
Cites Captain Eddy Rickenbacker for his heroism as a World War I fighter pilot.
CLEARED FOR TV

MEDAL OF HONOR - BURNING PLOESTI OIL
7 min, 16mm film, optical sd, b&w 1967
Producer USAF *Agency No.* SFP 1544C
Title No. 513559 *Sale* $12.50
Cites Col John Krzne and Col Leon Johnson for bravery in Ploesti oil raids.
CLEARED FOR TV

MEDAL OF HONOR - HEADING HOME
5 min, 16mm film, optical sd, b&w 1967
Producer USAF *Agency No.* SFP 1544L
Title No. 513561 *Sale* $9.25
Cites Captain William R Lawley for heroism and exceptional flying skill on a heavy bombardment mission over enemy occupied Europe.
CLEARED FOR TV

MEDAL OF HONOR - ONE MAN AIR FORCE
7 min, 16mm film, optical sd, b&w 1967
Producer USAF *Agency No.* SFP 1544H
Title No. 513563 *Sale* $12.50
Cites Col James H Howard for his valor as a World War II fighter pilot.
CLEARED FOR TV

MEDAL OF HONOR - ONLY A FEW RETURNED
5 min, 16mm film, optical sd, b&w 1967
Producer USAF *Agency No.* SFP 1544N
Title No. 513565 *Sale* $9.25
Cites Sgt Maynard Smith for his fearlessness as World War II B-17 gunner.
CLEARED FOR TV

* INDICATES NEW ENTRY

MEDAL OF HONOR - PACIFIC ACE
5 min, 16mm film, optical sd, b&w 1967
Producer USAF *Agency No.* SFP 1544D
Title No. 513567 *Sale* $9.25
Cites Maj Richard Bong for bringing down over 40 enemy aircraft.
CLEARED FOR TV.

MEDAL OF HONOR - SEVEN DOWN
5 min, 16mm film, optical sd, b&w 1967
Producer USAF *Agency No.* SFP 1544J
Title No. 513569 *Sale* $9.25
Cites Maj William Shomo for downing seven World War II enemy aircraft.
CLEARED FOR TV.

MEDAL OF HONOR - TRIAL BY FIRE
4 min, 16mm film, optical sd, b&w 1967
Producer USAF *Agency No.* SFP 1544K
Title No. 513571 *Sale* $7.75
Pays tribute to SGT Edward Erwin who ditched an ignited phosphorous bomb from his aircraft during a World War II raid over enemy territory.
CLEARED FOR TV.

MEDAL OF HONOR - WITH ONE HAND
4 min, 16mm film, optical sd, b&w 1967
Producer USAF *Agency No.* SFP 1544F
Title No. 513575 *Sale* $7.75
Cites Lt John C Morgan who single-handedly guided his plane to target during a World War II raid over Europe.
CLEARED FOR TV.

MEDICAL AND SURGICAL TREATMENT OF VALVULAR HEART DISEASE, THE
90 min, 16mm film, optical sd, b&w 1968
Producer USNMAC *Agency No.* T-1867-X
Title No. 002365 *Sale* $192.50
Discusses various types of acquired valvular cardiac defects including clinical and hemodynamic assessment, indications for, and results of surgery. Discussing the topic are doctors Roman M Desanctis, W Gerald Austen, Charles A Sanders, and Peter M Yurchak of the Harvard Medical School. (Kinescope)

MEDICAL ASPECTS OF DIVING, PT 1, THE MECHANICAL EFFECTS OF PRESSURE
30 min, 16mm film, optical sd, col 1962
Producer USN *Agency No.* MN08749A
Title No. 002366 *Sale* $101.00
Explains how underwater swimmers and divers can prevent harm to themselves by avoiding the application of unequal pressures from the air and the water.
CLEARED FOR TV.

MEDICAL ASPECTS OF DIVING, PT 2, EFFECTS OF ELEVATED PARTIAL PRESSURE OF GASES
28 min, 16mm film, optical sd, col 1962
Producer USN *Agency No.* MN08749B
Title No. 002367 *Sale* $94.50
Explains how the body is affected by what you breathe and the pressure at which you breathe it.

MEDICAL ASPECTS OF NUCLEAR RADIATION
20 min, 16mm film, optical sd, col 1951
Producer USA *Agency No.* MF08-7897
Title No. 002368 *Sale* $115.75
Explains effects of radiation upon the human body, internal and external radiation hazards, and the relative gravity of the hazards of nuclear radiation, blast, and heat.

MEDICAL EFFECTS OF THE ATOMIC BOMB, PT 1, PHYSICS, PHYSICAL DESTRUCTION, CASUALTY EFFECTS
32 min, 16mm film, optical sd, col 1950
Producer USA *Agency No.* PMF 5058
Title No. 002369 *Sale* $107.50
Gives an explanation of nuclear physics, fission and general reaction, thermal energy and mechanical force, nuclear radiation and ionizing effects. Portrays the physical destruction and casualty effects of atomic bombing.

* **MEDICAL FACTS FOR PILOTS**
25 min, 16mm film, optical sd, col 1970
Producer USFAA *Agency No.* FA-01-70
Title No. 002129 *Sale* $74.75
Directed particularly to beginning pilots, this film provides a look at some of the fundamental physical, physiological, and psychological limitations in flight. It alerts pilots to such aeromedical factors as disorientation, the effect of alcohol, oxygen requirements, and pilot vision.

MEDICAL RESEARCH REACTOR
22 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No. 002370 *Sale* $92.50
Demonstrates the need for reactors in medical research and defines the design criteria. Shows the reactor and its components during construction and assembly. Uses animation to show the operation of the reactor and shutters controlling its neutron beams. Tncludes a neutron-capture therapy experiment sequence at the Brookhaven Graphite Reactor which can be compared with the patient treatment facility at the New Medical Reactor.

MEDICAL SCHOOL AND THE COMMUNITY, THE - HOW ARE THEY RELATED
29 min, 16mm film, optical sd, b&w 1970
Producer USNMAC *Agency No.* T-1879
Title No. 002371 *Sale* $60.50
Reviews and elaborates upon two basic viewpoints that the commitment is necessary to the resolution of medical care problems which face the community, and that good medical care depends upon the further development of excellence at the medical school level. (Kinescope)
From the *CONCEPTS AND CONTROVERSIES IN MODERN MEDICINE Series.*

MEDICAL SUPPLY SYSTEM, U S ARMY, PT 2, OPERATIONS AT CONUS AND OVERSEAS INSTALLATIONS
22 min, 16mm film, optical sd, b&w 1967
Producer USA *Agency No.* TF08-3802
Title No. 002536 *Sale* $31.50
Demonstrates Medical Supply operations at a typical depot in CONUS (FT. Knox).

MEDICAL SUPPLY, U S ARMY, PT 1, ORGANIZATION AND ADMINISTRATION
24 min, 16mm film, optical sd, b&w 1967
Producer USA *Agency No.* TF08-3801
Title No. 002373 *Sale* $42.25
Describes the mission and operational relationship of the major organizations within the Medical Supply system.

MEDICARE
10 min, 16mm film, optical sd, col 1966
Producer USSSA
Title No. 004346 *Sale* W/DRAWN
Animated in filmograph style, using words and symbols to explain the Health Insurance Program.

MEDLARS
24 min, 16mm film, optical sd, b&w 1964
Producer USNMAC *Agency No.* M-0780
Title No. 002374 *Sale* W/DRAWN
An orientation film on the new medical literature and retrieval system located at the National Library of Medicine.

MEET MR NOISE
26 min, 16mm film, optical sd, col 1962
Producer USAF *Agency No.* TF01-8193
Title No. 002375 *Sale* $104.00
Points out hazards of working in an area of vibration and noise. Shows how noise of heightened intensity can impair hearing and general health. Demonstrates how properly fitted protective devices worn by personnel reduces adverse effects of noise.

MEETING AT NIGHT
20 min, 16mm film, optical sd, col 1943
Producer USN *Agency No.* MN00202M
Title No. 002376 *Sale* $68.25
Shows five basic meeting situations and the proper night

whistle signals on the ocean, in inland waters, and in narrow channels. Explains the causes of head-on collisions, and shows emergency action signals.

MEETING GROUND, THE
15 min, 16mm film, optical sd, col 1969
Producer USMC *Agency No* MH10551
Title No 002377 *Sale* $60.00
Shows the recruiting of prior-service Marines for enlistment in the organized Marine Corps Reserve.

* **MEETING IN SPACE**
14 min, 16mm film, optical sd, col 1966
Producer USIA *Agency No* 01-02674
Title No 004347 *Rental* W/DRAWN *Sale* W/DRAWN
Captures the drama and excitement of the longest manned space flight and the Gemini VII/VI rendezvous in December, 1965. Documents the events during which Astronauts Borman and Lovell, and Schirra and Stafford proved that man can survive 14 days in space, perform specific tasks and return home in good physical shape.

MEETING STEAM VESSELS
18 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No* MN00202K
Title No 002378 *Sale* $32.00
Gives examples of steam vessels meeting on the ocean and in inland waters. Demonstrates whistle signals for various situations and shows how to figure the degree of a vessel's turn at various distances.

* **MEETING, THE**
30 min, 16mm film, optical sd, col 1971
Producer USNIMH
Title No 002130 *Rental* $12.50 *Sale* $42.50
Demonstrates activities of the police in the drug abuse as presented to the teacher. Shows the ramifications of reporting a drug used to the police and the alternative courses open to law enforcement agencies. Explains the importance for the teacher to know how police are treating young people and how, in turn, students feel about the police.
From the *SOCIAL SEMINAR* series.

MEMORANDUM ON SECURITY
9 min, 16mm film, optical sd, col 1959
Producer USDOD *Agency No* DOD-S-02
Title No 002379 *Sale* $31.00
Shows research activity being carried on in various universities, research centers, and industrial laboratories for the Department of Defense, and explains the purpose of security regulations and procedures required to enforce them.

MEMORANDUM TO INDUSTRY
31 min, 16mm film, optical sd, col 1966
Producer USOCD *Agency No* DODCD20-243
Title No 002380 *Sale* $104.25
Shows not only what industry should do, but what industry is doing in planning its civil defense preparations. You learn what various industries have accomplished to provide fallout shelter for employees and the public, to assure continuity of company management in the event of an attack on the United States.
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* **MEMPHIS BELLE**
43 min, 16mm film, optical sd, col 1944
Producer USAF *Agency No* SFP-114
Title No 002131 *Sale* $183.50
Portrays a B-17 named Memphis Belle on a bombing mission over Germany during World War II. Includes preparations for the raid, the take-off from England, bombing the submarine base and the return to base.

MEN ENCOUNTER MARS
29 min, 16mm film, optical sd, b&w 1965
Producer USNASA *Agency No* HQ 149
Title No 002381 *Sale* $54.50
Documents work of the engineers and scientists who planned and directed the complex mission of Mariner 6 to photograph the Martian surface.

* **MEN OF THE SEA**
28 min, 16mm film, optical sd, col 1970
Producer USN *Agency No* MN10389
Title No 516450 *Sale* $113.50
Portrays the story of Navy combat art.

* **MEN WHO CARE**
11 min, 16mm film, optical sd, b&w 1965
Producer USIA *Agency No* 01-02650
Title No 004348 *Rental* W/DRAWN *Sale* W/DRAWN
Demonstrates the humane, social aspects of medicine in the United States, and shows the extent and variety of health care and preventive measures in public health. Emphasizes the understanding for the patient in medical practice and scientific experimentation.

MEN WHO FISH
30 min, 16mm film, optical sd, b&w 1950
Producer USIA
Title No 004349 *Rental* W/DRAWN *Sale* W/DRAWN
Shows how a fishing cooperative association in Japan established since World War II is gradually improving living conditions of the fishermen of Japan.

MEN WITH GREEN FACES
29 min, 16mm film, optical sd, col 1969
Producer USN *Agency No* MN10585
Title No 002382 *Sale* $115.50
Shows functions and a cross section of life of the Navy's frogmen commandos, the Seals. From the excitement of parachute jump training, to the quiet of jungle patrols.

MEN WITH WINGS
14 min, 16mm film, optical sd, b&w 1963
Producer USDOD *Agency No* AFMR 0620
Title No 516470 *Sale* $25.00
Pictures the courage and achievements of pilots whose efforts over the last half century have given aviation a rich heritage. Depicts the rise of airpower brought about by heroism of fighter pilots and bomber crews in World War I and II and the Korean conflict that marked the beginning of the Jet Age.

* **MEN, WOMEN AND CHILDREN**
27 min, 16mm film, optical sd, col 1954
Producer USDA *Agency No* 1192
Title No 003973 *Sale* $124.00
Shows how the everyday unsafe habits of kindly people can cause devastating forest fires through negligence and thoughtlessness. They 'didn't mean to start a forest fire.' Safe habits in the forest are emphaphasized.

* **MENTAL RETARDATION PLUS - THE TWICE AFFLICTED**
20 min, 16mm film, optical sd, col
Producer USDHEW
Title No 000317 *Sale* $81.75
This film focuses on mobility, sight and comunication disorders among the profoundly retarded and on begining efforts of institutions to assess, educate and train this population.

MENTAL STATUS EXAMINATION, THE
34 min, 16mm film, optical sd, b&w 1962
Producer USNMAC *Agency No* M-0561
Title No 002325 *Sale* $58.75
Demonstrates good techniques of initial or mental status interviews in psychiatric practice. It also shows how information pertaining to behavior and appearance, intelligence, emotions, and perceptions obtained in such interviews is compiled and analyzed to form the basis for subsequent psychiatric treatment.

MERCHANT MARINE SAFETY
28 min, 16mm film, optical sd, col 1962
Producer USCG
Title No 925516 *Sale* $102.00
The responsibilities of the Coast Guard in Merchant Marine Safety are clearly defined in this film—inspection and approval of blueprints for vessel construction, safety requirements for construction and equipment for vessels, annual or periodic inspections, licensing and certification of officers and crews of vessels, various types of vessels with which the

* INDICATES NEW ENTRY

coast guard is concerned. In addition to equipment tests, fire drills, etc, a board of investigation is shown.

METAL CUTTING CHISELS, PT VI
5 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN 07831
Title No. 517420 *Sale* $9.25
Describes the correct uses of the cold chisel, cape Chisel, diamond point, and half-round chisel, and advection fog, ground fog and low ceiling clouds. explains their cutting action and how they are sharpened.

METEOROLOGY - FOG AND LOW CEILING CLOUDS
23 min, 16mm film., optical sd, col 1961
Producer USN *Agency No.* MN09487B
Title No. 002383 *Sale* $78.25
Describes theory of fog formation. Illustrates
THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY. CLEARED FOR TV.

METEOROLOGY - ICE FORMATION ON AIRCRAFT
21 min, 16mm film, optical sd, b&w 1960
Producer USN *Agency No.* MN 9487A
Title No. 002386 *Sale* $37.00
How structural ice interferes with normal flight procedures and how the hazard can be reduced.

METEOROLOGY - THE COLD FRONT
14 min, 16mm film, optical sd, col 1961
Producer USN *Agency No.* MN09487D
Title No. 002384 *Sale* $48.50
Shows formation characteristics and flight hazards of cold fronts. Tells how to fly cold front weather with maximum safety.

METEOROLOGY - THE WARM FRONT
17 min, 16mm film, optical sd, col 1961
Producer USN *Agency No.* MN09487E
Title No. 002385 *Sale* $58.50
Depicts formation characteristics and dangers of warm fronts and how to recognize and combat the flight problems involved.
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* **METEOROLOGY FROM SPACE**
22 fr, 35mm filmstrip, 1/4 in. audiotape, col 1967
Producer USNASA
Title No. 002132 *Sale* $10.00
Shows how Tiros photography of storm centers and cloud formation provides new knowledge about the weather.

* **METHADONE MAINTENANCE**
22 min, audiotape cassette, 2-track, monaural 1972
Producer USNIMH
Title No. 002133
Available only as a series. Provides listeners with a useful understanding of the clinical picture of the addict undergoing a maintenance program and the positive and negative arguments relating to the legal system and the moral issues involved.
From the *PROFESSIONAL DRUG TAPE* series. *

METHOD FOR RAPID ELECTROPHORESIS
11 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1015
Title No. 002387 *Sale* $37.25
Shows the electrophoretic apparatus, explains the functions of its parts and how to set up the machine. A typical "run" is demonstrated, explaining the technique of applying serum samples to the membrane and the step-by-step procedure of clearing and staining the resulting image.

METHODS FOR COLLECTING CAPILLARY BLOOD FOR CLINICAL CHEMISTRY
7 min, 16mm film, optical sd, col 1952
Producer USNMAC *Agency No.* M-1483
Title No. 002388 *Sale* $24.50
Demonstrates methods of collecting blood from infants and young children. Shows heel, finger, and toe stabs and collection by the Rasmussen blood collector, capillary tubes, filter paper, and unopette.

METHODS FOR OBTAINING ANAEROBIASIS
12 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No.* M-0850
Title No. 518230 *Sale* $40.50
Demonstrates use of the anaerobe jar for culturing organisms that require an oxygen-free environment.

METHODS FOR THE ISOLATION OF SALMONELLA FROM HUMAN FOOD AND ANIMAL FEEDS
12 min, 16mm film, optical sd, col 1963
Producer USNMAC *Agency No.* M-0553
Title No. 518225 *Sale* $42.00
Demonstrates techniques for the isolation and screening of salmonella from foodstuffs. Credits--technical adviser, Mildred M. Galton, SC. M.

METHODS OF PROCESSING PLASTICS MATERIALS
25 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 467
Title No. 518300 *Rental* $10.00 Sale $43.75
Discusses fundamentals of lamination and of the compression, transfer, extrusion and injection molding methods - shows how to finish molded parts from the plastics series No. 2.

MICRO-TECHNIQUES IN SEROLOGY
7 min, 16mm film, optical sd, col
Producer USNMAC *Agency No.* M-0859
Title No. 002389 *Sale* $26.00
Demonstrates the use of micro-equipment for performing serologic titration tests. The method is economical of both reagents and time, since it enables one technologist to test 144 sera against three antigens in an eight hour day.

MICRODEFORMATION OF URANIUM
17 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No. 002390 *Sale* $86.00
Pictures changes in the microstructure of uranium as a consequence of tensile loading and thermal treatment, showing studies accomplished by means of hot stage metallography. Includes formation of twin and kink bands, distortion at grain boundaries, fracturing, recrystallization, deformation due to thermal gradients, and microstructural changes associated with thermal cycling through the alpha-tobeta and the beta-to-gamma transformations.

MICROFILARIAE OF WUCHERERIA BANCROFTI
4 min, 16mm film, silent, col 1947
Producer USNMAC *Agency No.* 04-00058
Title No. 520755 *Sale* $14.75
Cinemicrography of avtivity of diurnally period microfilariae of wuchereria bancrofti from the blood of a soldier infected in the Society Islands. Recommended for professional use.

MICROMETER, THE
15 min, 16mm film, optical sd, b&w 1941
Producer USOE *Agency No.* OE 002
Title No. 520800 *Rental* $7.50 Sale $27.00
Explains the care, use and maintenance of micrometers. Shows various forms used to measure outside lengths, inside lengths and depths.
From the *MACHINE SHOP WORK* series.

MICROMETER, THE (SPANISH)
15 min, 16mm film, optical sd, b&w 1941
Producer USOE *Agency No.* OE 002
Title No. 002537 *Rental* $7.50 Sale $27.00
Explains the care, use and maintenance of micrometers. Shows various forms used to measure outside lengths, inside lengths and depths.
From the *MACHINE SHOP WORK* series.

MICROORGANISMS OF GAS GANGRENE
9 min, 16mm film, silent, col 1954
Producer USNMAC *Agency No.* M-0154
Title No. 521040 *Sale* $31.00
Shows species of clostridium causing gas gangrene, the morphological characteristics of these bacteria, and studies of the bacteria in various cultures.

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* MICROPHONE TECHNIQUES
3 min, s8mm cartridge, optical sd, col
Producer USBEH
Title No. 003415 *Sale* $26.50

Sold only in a cartridge with auditory rhythm, auditory training discrimination and teacher talks to me. Presents short insights into home and school education of the profound hearing impaired.

MICROSCOPIC STUDY AND ISOLATION OF C DIPHTHERIAE
13 min, 16mm film, optical sd, b&w 1950
Producer USNMAC *Agency No.* 04-00088
Title No. 521400 *Sale* $23.75

Presents procedures for isolating pure cultures of corynebacterium diptheriae fromthroat and nasal swabs of a patient with suspected diphtheria. Includes photomicrographs of organisms.

MICROWAVE OSCILLATORS, PT 1, REFLEX KLYSTRONS
20 min, 16mm film, optical sd, b&w 1965
Producer USA *Agency No.* TF11-3546
Title No. 002391 *Sale* $35.25

Describes the general characteristics, components and operation of reflex klystron tubes used as local oscillators in radar receiving systems.

MILESTONES IN MISSILERY
10 min, 16mm film, optical sd, col 1961
Producer USA *Agency No.* MF45-9529
Title No. 002392 *Sale* $34.00

Describes outstanding milestones in missile development and testing accomplished at the White firings of the V2 rocket in 1945.

MILITARY IMMUNIZATION - SMALLPOX VACCINATION
10 min, 16mm film, optical sd, col 1959
Producer USN *Agency No.* MN08568B
Title No. 002393 *Sale* $43.75

Depicts the procedures for smallpox vaccination and for observing and recording the effects of vaccination. Covers such items as storage and handling of the vaccine, cleaning of the vaccination site, use of the multiple pressure technique, and the recognition of primary, immediate, and accelerated reactions.

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* MILITARY JUSTICE
94 min, 16mm film, optical sd, b&w 1954
Producer USAF *Agency No.* TF-1-4890
Title No. 003108 *Rental* $15.00

Presents a dramatic portrayal of general courtmartial procedures under the Uniform Code of Military Justice as established by Public Law 506.

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MILITARY MEDICINE
19 min, 16mm film, optical sd, b&w 1962
Producer USDOD *Agency No.* AFIF 0117
Title No. 002394 *Rental* $7.50 Sale $33.75

Reports on military medicine reviewing the contributions of all the services in the past century. The story touches on the fight against yellow fever, schistosomiasis, malaria, and cholera. Shows resuscitation techniques, management of burn victims, and jet injection guns. Research goals and accomplishments in tissue grafting, nuclear medicine, submarine medicine, and aerospace medicine are described.

* MILITARY POLICE OPERATION, PT 3 - MILITARY POLICE PATROL INVESTIGATIONS
28 min, 16mm film, optical sd, b&w 1971
Producer USA *Agency No.* TF-19-4184
Title No. 002135 *Sale* $58.50

Outlines the mission of the individual military policeman in patrol investigations - shows a patrol in action investigating an assault.

* MILITARY POLICE TRAFFIC CONTROL, PT 4 TRAFFIC CONTROL RECONNAISSANCE
27 min, 16mm film, optical sd, col 1970
Producer USA *Agency No.* TF-19-4091
Title No. 002136 *Sale* $109.50

Depicts various aspects of traffic control reconnaissance under safe and occasional enemy action conditions.

MILITARY SATELLITE COMMUNICATIONS
25 min, 16mm film, optical sd, col 1966
Producer USAF *Agency No.* SFP 1336
Title No. 523139 *Sale* $84.75

Compares military advantages of satellite communications to conventional methods. Discusses various satellites and explains their operation characteristics, design factors and potential applications. Stresses need for continued research and development in satellite communications.

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MILITARY SEA TRANSPORTATION SERVICE, THE INTRODUCTION
19 min, 16mm film, optical sd, b&w 1953
Producer USN *Agency No.* MN07832A
Title No. 523140 *Sale* $33.75

Explains the functions, organization, and operations of the military sea transportation and debarkation of troops and dependents, living conditions aboard ship, and the transportation of materials and equipment.

MILITARY SEA TRANSPORTATION SERVICE, THE TROOP TRANSPORTATION
20 min, 16mm film, optical sd, b&w 1955
Producer USN *Agency No.* MN07832B
Title No. 523141 *Sale* $35.25

Illustrates the problems and procedures involved in the formation, functions, and duties of the advance parties and voyage staffs aboard MSTS transports. Defines authority, zones of responsibility, and the proper administration of troops during embarkation, at sea, and during debarkation.

* MILITARY STEVEDORING, PT 2 - SLINGS AND BRIDLES
20 min, 16mm film, optical sd, b&w 1971
Producer USA *Agency No.* TF-55-7171
Title No. 002137 *Sale* $42.25

Shows several types of slings and bridles and their uses - emphasizes the importance of using the right equipment for the job.

MILK AND PUBLIC HEALTH
12 min, 16mm film, optical sd, b&w 1951
Producer USPHS *Agency No.* M-0007
Title No. 523250 *Sale* $22.25

Points out the dangers of haphazard milk production, the resultant public health problem, and the need for regulatory legislation. Reviews the steps taken to insure healthy cows, sanitary equipment and supplies, and other hygienic methods throughout the production and processing of milk.

MILK AND PUBLIC HEALTH (SPANISH)
11 min, 16mm film, optical sd, b&w 1951
Producer USNMAC *Agency No.* M-0007-SP
Title No. 002538 *Sale* $22.25

Points out the dangers of haphazard milk production, the resultant public health problem, and the need for regulatory legislation. Reviews the steps taken to insure healthy cows, sanitary equipment and supplies, and other hygienic methods throughout the production and processing of milk.

MILLING A CIRCULAR T-SLOT
22 min, 16mm film, optical sd, b&w 1943
Producer USOE *Agency No.* OE 076
Title No. 523500 *Rental* $7.50 Sale $38.50

Shows how to mill a circular t-slot in solid metal, use a rotary table for continuous circular milling, use a two-lip end mill, end mill and t-slot cutter, and use a dial indicator with a test bar.

From the *MACHINE SHOP WORK* series. Operations on the Vertical Milling Machine, No. 5

MILLING A HELICAL CUTTER
18 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 210
Title No. 523550 *Rental* $10.00 Sale $32.00

Shows how to mount arbor, cutter and arbor support, mount workpiece between centers, set dividing head for specified number of divisions, position workpiece for first cut, and rough- and finish-mill the workpiece.

From the *MACHINE SHOP WORK* series. Operations on the Milling Machine, No. 8

MILLING A HELICAL GROOVE
28 min, 16mm film, optical sd, b&w 1943
Producer USOE *Agency No.* OE 075
Title No. 523600 *Rental* $10.00 Sale $48.75

Explains how to mill a helical groove in a cylindrical shaft, how to select and set the machine gears for milling a helical groove with any lead and how to use the dividing head. Explains lead and backlash.

From the *MACHINE SHOP WORK* series. Operations on the Vertical Milling Machine, No. 4

MILLING A TEMPLATE
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 207
Title No. 523650 *Rental* $7.50 Sale $30.50

Shows how to mount the end mill in the milling machine spindle, position the table and workpiece in relation to the cutter, rough- and finish-mill the piece and check for finished dimensions.

From the *MACHINE SHOP WORK* series. Operations on the Milling Machine, No. 5

MILLING MACHINE, THE
8 min, 16mm film, optical sd, b&w 1941
Producer USOE *Agency No.* OE 011
Title No. 523700 *Rental* $5.00 Sale $14.25

Demonstrates a plain milling machine and shows the basic parts of the machine, names the various control levers and demonstrates the action of the table longitudinally, vertically and crosswise.

OTHER FORMAT(S) or VERSION(S)
15 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 069
Title No. 523750 *Rental* $7.50 Sale $27.00

MILLING MACHINE, THE (SPANISH)
15 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 069
Title No. 006438 *Rental* $7.50 Sale $27.00

Explains the functions, characteristics and basic operations of the milling machine.

From the *MACHINE SHOP WORK* series. Basic Machines

* **MINE RESCUE CONTEST TRAINING**
25 min, 16mm film, optical sd, col 1962
Producer USBM
Title No. 003536 *Sale* $103.75

Photographs in 'action' , going through a typical rescue/recovery problem, on a field course laid out to simulate a working section in an underground mine. Step-by-step procedures that are taken by each member of a team in an actual mine rescue situation are explicitly shown, and an explanation given for each action.

PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

* **MINING NOISE HAZARDS**
21 min, 16mm film, optical sd, col 1973
Producer USBM
Title No. 003551 *Sale* $87.50

Designs to promote a general awareness of noise hazards in the coal mining industry. Defines the sound and its characteristics. Shows the actual underground mining scenes, on-the-job noise surveys, and laboratory tests and analysis. Demonstrates the preventive methods along with various forms of engineering controls and protective devices.

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MINUS THREE MILES
7 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No.* AD 018
Title No. 002539 *Sale* $30.75

Explains and illustrates the mobility concept of assembling a 36-story rocket and moving it to the launch area. Features the facilities used to support the concept.

From the *APOLLO DIGEST* series.

MINUTE SAVED, THE
29 min, 16mm film, optical sd, b&w 1967
Producer USA *Agency No.* TF46-3797
Title No. 724650 *Sale* $50.25

Concerns the element of 'haste' which all too often acts as catalyst of destruction in aviation.

MIRACIDIA OF SCHISTOSOMA JAPONICUM
4 min, 16mm film, silent, col 1947
Producer USNMAC *Agency No.* 04-00060
Title No. 524690 *Sale* $14.75

Explains cinemicrography of miracidia of schistosoma japonicum inside egg shell and free in fecal concentrate, showing absence of egg shell spine and activity of contained miracidia.

RECOMMENDED FOR PROFESSIONAL USE.

MIRACLE IN THE DESERT
19 min, 16mm film, optical sd, b&w 1964
Producer USIA *Agency No.* 01-02619
Title No. 004675 *Rental:* W/DRAWN Sale: W/DRAWN

Shows the participation of Mideast technicians in a U S training program concerned with methods for increasing agricultural and economic growth through the study of hydroelectric power plants and irrigation projects along the Colorado River.

MIRACLE IN THE DESERT - THE STORY OF HANFORD
29 min, 16mm film, optical sd, col 1966
Producer USAEC
Title No. 002540 *Sale* $107.00

Tells the story of the development during World War II of the Hanford Engineer Works in southern Washington. Construction of the billion dollar plant was based on the discovery of a microscopic bit of the new element 94, Plutonium, in California by Dr. Glenn T. Seaborg, now Chairman of the AEC, and others, in 1941, and on the demonstration of the first successful nuclear chain reaction in Chicago by Dr. Enrico Fermi and others, in 1942.

MIRACLE IN TONGA
16 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No.* M-0835
Title No. 524805 *Sale* $55.00

Records the co-operative efforts of the Tongan Medical Department and the Communicable Disease Center to provide protection against smallpox for the Tongan people. A follow-up indicated that better than 98 per cent of the 44,000 Tongan's treated had successful vaccinations.

* **MIRACLES FROM AGRICULTURE**
14 min, 16mm film, optical sd, col 1960
Producer USDA *Agency No.* 1511
Title No. 525125 *Sale* $64.00

Tells the advances being made in agriculture through plant research and the improvement of processing, storing, transporting and merchandising methods for foods and other products.

MIRROR OF AMERICA

36 min, 16mm film, optical sd, b&w 1964
Producer USGSA
Title No. 525300 *Sale* $62.00

Reflects the American way of life from 1914 to 1921, presenting a cross-section view of people and progress and picturing the daily activities, dress and habits of the people as they lived fifty years ago. Includes views of Presidents Wilson and Harding, Thomas Edison and Henry Ford. Footage taken from the Ford Film Collection in the National Archives.

MISSILE EXPLOSIVE DEVICE SAFETY

14 min, 16mm film, optical sd, col 1961
Producer USAF *Agency No.* FTA 542
Title No. 002541 *Sale* $48.50

Demonstrates hazards involved when missile explosive devices are mishandled. Explains the purpose and nature of fuses, squibs, igniters, and initiators. Outlines safety procedures for handling, installing, and testing such devices.

CLEARED FOR TV.

MISSION CONTROL

5 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No.* AD 022
Title No. 006437 *Sale* $24.75

Shows Mission Control in Houston where the Apollo flights are monitored and controlled once the Saturn is launched from its pad. Shows the m5thods by which a flight is monitored and controlled.

From the *APOLLO DIGEST* series.

MISSION FOR MARINER, A

15 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No.* HQA192
Title No. 002543 *Sale* $56.50

Illustrates through animation the principal results of the unmanned Mariner spacecraft fly-by of the planet Venus in 1967, including new knowledge of the composition and density of the Venusian atmosphere, surface pressure and temperature, maps and radiation.

MISSION OCEANOGRAPHY

29 min, 16mm film, optical sd, col 1966
Producer USN *Agency No.* MN10145
Title No. 525901 *Sale* $97.75

Tells of the research and discoveries by ocean scientists of the early 1800's and the Navy's involvement with the seas and oceanography. Shows the progress of oceanography from the early sailing days to the present time.

MISSIPPI VALLEY DISEASE - HISTOPLASMOSIS

30 min, 16mm film, optical sd, b&w 1957
Producer USNMAC *Agency No.* MIS-0971
Title No. 002544 *Sale* $52.00

Doctors M. L. Furcolow and Patrick Lehan summarize current knowledge of the fungus infection histoplasmosis, covering the epidemiology and clinical course of this widespread disease.

MIT RESEARCH REACTOR

18 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No. 002545 *Sale* $80.00

Includes a special medical therapy room providing new approaches to nuclear medical research techniques. Shows construction phases of the reactor, associated nuclear equipment, containment shell, and radiation shielding.

MOBIDIC JOINS THE FIELD ARMY

16 min, 16mm film, optical sd, col 1962
Producer USA *Agency No.* MF11-9662
Title No. 527050 *Sale* $55.00

Tells the story of the development, application, and operations of MOBIDIC, the first large scale electronic computer designed for field use. The future potential of electronic computers for tactical application is underscored.

MODERN GEODETIC SURVEYING

18 min, 16mm film, optical sd, col 1967
Producer USN *Agency No.* MN10203
Title No. 002546 *Sale* $61.75

Shows the need, nature and means of geodetic surveying as it exists today with emphasis on the challenge of the future.

CLEARED FOR TV.

MODERN IMMUNIZATION PROCEDURES IN CHILDREN AND ADULTS

40 min, 16mm film, optical sd, b&w 1965
Producer USNMAC *Agency No.* T-1836-X
Title No. 002547 *Sale* $78.50

Reviews present recommendations for immunization procedures in infancy, childhood, and adult life. Emphasizes areas which are somewhat controversial, including immunizations against diphtheria, tetanus and smallpox. (Kinescope)

MODERN MANUFACTURING - COMMAND PERFORMANCE

33 min, 16mm film, optical sd, col 1963
Producer USAF *Agency No.* SFP 1153
Title No. 528125 *Sale* $110.75

Illustrates the need for using modern methods in the production of aerospace vehicles and depicts many of the latest manufacturing techniques. Explains that the use of automation from programming to finished product can supersede conventional methods in speed, reliability, and economy. Shows electronically controlled machinery which operates solely on commands from numerical computer tapes and performs tasks with precision and accuracy. Emphasizes the importance of modernization in the production of Air Force space system.

CLEARED FOR TV.

MODERN WEATHER - THEORY AND STRUCTURE OF STORMS--WEATHER IN VARIOUS PARTS OF AN...

23 min, 16mm film, optical sd, b&w 1943
Producer USAF *Agency No.* TF01-0726
Title No. 002548 *Sale* $40.50

FULL TITLE--MODERN WEATHER - THEORY AND STRUCTURE OF STORMS--WEATHER IN VARIOUS PARTS OF AN OCCLUDED WAVE. Describes the characteristics of warm, cold, and occluded fronts, shows the types of clouds associated with each type of front, tells how an occluded front is produced, and explains how to fly through an occluded front.

* **MODERNIZING MARKET FACILITIES**

27 min, 16mm film, optical sd, b&w 1955
Producer USDA *Agency No.* 1050-R
Title No. 005295 *Sale* $68.00

Shows the facilities used in bringing food from the farmer to the consumer and how both facilities and methods of handling are being modernized.

MODIFICATION OF RADIATION INJURY IN MICE

10 min, 16mm film, optical sd, col 1958
Producer USAEC *Agency No.* 0214
Title No. 002549 *Sale* $52.00

Shows the effects on mice of chemical protection by mercaptoethylguanidane (MEG) before irradiation and bone-marrow transplant after exposure to lethal doses of 900 R, as well as possible implications regarding treatment of some human disease.

MODIFICATION OF THE SCHOENHEIMER-SPERRY METHOD FOR FREE AND TOTAL CHOLESTEROL

21 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1150
Title No. 528605 *Sale* $71.50

Presents a reference procedure for the determination of serum free and total cholesterol. The cholesterol digitonide is precipitated and the precipitate is washed and dissolved in special filter columns rather than in the usual manner in centrifuge tubes.

MOISTURE PROOFING ELECTRICAL AND TYPE CONNECTORS
20 min, 16mm film, optical sd, col 1957
Producer USN *Agency No* MN08572
Title No. 528720 *Sale* $68.25
Tells how to apply synthetic rubber to electrical connections, and how to mix, test and store potting compound.

MOLDING A HORIZONTAL CORED PART
22 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 431
Title No. 528750 *Rental* $7.50 Sale $38.50
Shows how to use a horizontal core, a split pattern, chaplets and chaplet supports, how to gate a mold to pour a thin casting and how to clean a casting.
From the *FOUNDRY PRACTICE* series. Floor Molding, No. 4

MOLDING A VALVE BODY
25 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 430
Title No. 528800 *Rental* $10.00 Sale $45.50
Demonstrates use of a split pattern and multipart dry sand core, how to gate a mold for rapid, uniform distribution of clean metals, and how to locate a core and seal the core prints.

MOLDING ON A JOLT ROLL-OVER PATTERN DRAW MACHINE
23 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 434
Title No 528850 *Rental* $10.00 Sale $40.50
Explains the jolt roll-over pattern draw machine. Shows how to fill the drag and jolt it, draw the pattern, set the drag and cope pattern plates, fill the cope and jolt it, and finish and close the mold.
From the *FOUNDRY PRACTICE* series. Machine Molding

MOLDING ON A JOLT SQUEEZE MACHINE
10 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 433
Title No. 528900 *Rental* $7.50 Sale $17.50
Shows the principles of the jolt squeeze molding machine, how to roll the mold, fill the cope and apply pressboard, squeeze the mold, draw the pattern, and finish and close the mold.

MOLDING PART WITH DEEP GREEN SAND CORE
25 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 429
Title No. 528920 *Rental* $10.00 Sale $43.75
Tells why to use a follow board with a thin box-like pattern. Shows how to reinforce a green sand core with nails, locate sprue and watch-up pins, use gaggers, and ram and vent a green sand core.
From the *FOUNDRY PRACTICE* series. Floor Molding, No. 2

MOLDING WITH A GATED PATTERN
11 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 427
Title No. 528950 *Rental* $5.00 Sale $19.25
Explains what a gated pattern is and why it is used. Shows how to match or follow board may simplify making a parting, how facing sand is prepared, and how and why some patterns are rapped through the cope.
From the *FOUNDRY PRACTICE* series. Bench Molding, No. 5

MOLDING WITH A LOOSE PATTERN - BENCH
21 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 423
Title No. 529050 *Rental* $7.50 Sale $37.00
Shows how to use bench molder's tools, prepare molding sand, face a pattern, ram and vent a mold, roll a drag and cut a sprue, runner, riser and gates. Depicts with animation the inside of a mold during pouring.
From the *FOUNDRY PRACTICE* series. Bench Molding, No. 1

MOLDING WITH A LOOSE PATTERN - FLOOR
24 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 428
Title No. 529055 *Rental* $10.00 Sale $42.25
Shows difference between bench and floor molding, how to face a deep pattern, ram a drag and walk it off, clamp a mold, locate sprues and risers, and tuck the crossbars of a large cope.
From the *FOUNDRY PRACTICE* series. Floor Molding, No. 1

MOLDING WITH A SPLIT PATTERN
19 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 426
Title No. 529125 *Rental* $7.50 Sale $33.75
Explains how split patterns aid in the more efficient molding of some casting and demonstrates how ramming affects the permeability of sand in a mold. Tells how to reinforce a mold with nails, and how to patch a mold.
From the *FOUNDRY PRACTICE* series. Bench Molding, No. 4

MOLDING WITH A THREE PART FLASK
35 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 432
Title No. 529150 *Rental* $12.50 Sale $60.25
Explains the use of a deep follow board and outlines techniques of facing, ramming and venting a deep green sand core. Shows how to use a cheek in a three-part flask. Gives the purpose and method of step-gating.
From the *FOUNDRY PRACTICE* series. Floor Molding, No. 5

MOLECULAR BIOLOGY - AN INTRODUCTION
15 min, 16mm film, optical sd, col 1969
Producer USAEC
Title No. 002551 *Sale* $75.00
Explains that the development of more refined and sophisticated research tools, used in conjunction with radioactive tracers, has opened up new possibilities in the study of molecular biology--studies which may contribute basic information needed to find the cause and cure of human cancer and many other diseases.

MOLTEN SALT REACTOR EXPERIMENT
20 min, 16mm film, optical sd, col 1968
Producer USAEC
Title No. 002552 *Sale* $77.75
Uses animation to describe the design, construction, and operation of the molten salt reactor experiment. Discusses the possibility of using molten-salt reactors as thermal breeders.

MOMENT IN HISTORY, A
14 min, 16mm film, optical sd, col 1964
Producer USNASA *Agency No.* HQA 122
Title No. 529985 *Sale* $54.00
Describes the presentation of honorary U S citizenship to Winston Churchill by President Kennedy on April 6, 1963. The live television transmission was sent via satellite from the White House to England.

MOMENT IN TIME, A
25 min, 16mm film, optical sd, col 1968
Producer USN *Agency No.* MN10367
Title No. 002553 *Sale* $101.75
Depicts the scope of Navy photography and the mission of major photographic field activities.

MONO LAKE PROJECT
25 min, 16mm film, optical sd, col 1966
Producer USAE
Title No. 002554 *Sale* $114.00
Outlines the objective of the Mono Lake Underwater Explosion Experiments, describes in detail the experimental procedures used in accomplishing the test program, and the results of water-surface wave measurement on the shore of the lake arising from the detonation of 10 five-ton explosive charges. Several of the underwater detonations are shown and certain conclusions drawn from the test series.

MONOSTABLE MULTIVIBRATOR - TSTR
40 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-811
Title No. 002555 *Sale* $82.25
Shows how the transistorized monostable multivibrator can be identified, and explains the purpose of each component. Discusses pulse width stabilization and explains factors that

affect the output frequency. Shows characteristic waveshapes generated graphically and compares to actual waveshapes on an oscilloscope. During the demonstration, varies certain components and points out the effect. (Kinescope)

MONOSTABLE MULTIVIBRATOR - VT
34 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-810
Title No. 002556 *Sale* $70.50
Gives illustrations of the use of the monostable multivibrator, and explains the circuit operation, after having reviewed the purpose of each component. Illustrates the factors that determine output frequency by showing actual waveshapes on an oscilloscope. (Kinescope)

*** MONTESSORI**
21 min, 16mm film, optical sd, col
Producer USBEH
Title No. 000344 *Sale* $85.75
The film illustrates expansion of the montessori core curriculum through application of principles of learning, of linguistic theory, of child development, of educational technology, and of cybernetic principles. these adaptations have resulted in a highly individualized program for the hearing impaired child with learning disabilities.

MOODS IN SAFETY
21 min, 16mm film, optical sd, col 1966
Producer USAF *Agency No.* SFP 1493
Title No. 531490 *Sale* $71.50
Demonstrates how various types of moods and emotions can be detrimental to personal safety on and off the job. Shows how over-confidence, cockiness, anger, depression, tension, etc, cause accidents through distortion of intelligence, logic and sense of reasoning. Stresses the importance of following safety rules on the flight line, in flight, at the missile site, and behind the wheel.
CLEARED FOR TV.

*** MOON OLD AND NEW, THE**
26 min, 16mm film, optical sd, col
Producer USNASA *Agency No.* HQ 209
Title No. 531530 *Sale* $107.75
Illustrates briefly the history of lunar studies before the Apollo 11 mission. It then covers the major things we have learned, and the major questions that have emerged from studying Apollo 11 and 12 lunar samples and the data returned from scientific instruments left on the surface. It closes with a brief resume of investigations that scientists would like to undertake in the future.

MORAL RESPONSIBILITY OF SAFETY
6 min, 16mm film, optical sd, b&w 1959
Producer USA *Agency No.* TF16-2791
Title No. 532100 *Sale* $15.00
Tells of four people directly and indirectly involved in a traffic accident face the issue, 'who was morally responsible for the accident?'

*** MORE - BASIC COURSE**
29 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004095 *Sale* $94.25
Cassettes and accompanying text are both available for $96.00.
OTHER FORMAT(S) or VERSION(S)
56 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004096 *Sale* $155.75
Tape set and accompanying text are both available for $157.50.

MOSQUITO PREVENTION IN IRRIGATED AREAS
7 min, 16mm film, optical sd, b&w 1955
Producer USNMAC *Agency No.* M-0073
Title No. 002557 *Sale* $12.50
Shows how to control mosquitoes in irrigated areas by good design and careful maintenance of the irrigation system, accurate preleveling of fields, and providing adequate run-off drainage in order to avoid standing water.

MOSQUITO STAGES OF PLASMODIUM FALCIPARUM
11 min, 16mm film, optical sd, b&w 1954
Producer USPHS *Agency No.* M-0138B
Title No. 002558 *Sale* $19.25
Illustrates by means of cinemography, cinemicrography, and graphics, shows the female of the anopheles quadrimaculatus obtaining a blood meal, and transfer of sporozoites to the salivary glands and their inoculation into the tissues of the host.

MOSQUITO SURVEY TECHNIQUES
15 min, 16mm film, optical sd, col 1954
Producer USPHS *Agency No.* M-0127
Title No. 002559 *Sale* $51.75
Shows mosquito survey methods under a variety of circumstances and for various mosquito species. Shows how to collect larvae and adult mosquitoes, and how to keep accurate records and evaluate results.

MOTILITY OF ENTAMOEBA HISTOLYTICA
4 min, 16mm film, optical sd, col 1967
Producer USNMAC *Agency No.* M-1421
Title No. 002560 *Sale* $16.50
Illustrates photomicrogaphy of scrapings from rectal lesion of a case of amebiasis showing movement of parasites.

MOTION PICTURE HISTORY OF THE KOREAN WAR, THE
58 min, 16mm film, optical sd, b&w 1958
Producer USDOD *Agency No.* AFIF 0085
Title No. 534420 *Sale* $100.50
Presents the Korean War fighting and the problems encountered by American and United Nations forces during the major phases of the battle from the initial gun fire on June 25, 1950 to the armistice on July 27, 1953.

*** MOTIVATION - A MEANS TO ACCIDENT PREVENTION**
11 min, 16mm film, optical sd, col 1969
Producer USBM
Title No. 003535 *Sale* $48.50
Shows how proper motivation prevents accidents at home and on the job. The reasons that motivate the workmen are presented in a visually interesting manner.
From the *FOREMANSHIP TRAINING* series.
PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

MOTOR CONDUCTION VELOCITY STUDIES OF THE MEDIAN AND ULNAR NERVES
8 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-0966
Title No. 002561 *Sale* $26.00
Aids in defining the character of neuropathic lesions. Presents a method of determining the velocity in motor fibers of the median nerve in the forearm.

MOTORS AND GENERATORS, PT 1, DC MOTORS AND GENERATORS
35 min, 16mm film, optical sd, b&w 1961
Producer USA *Agency No.* TF9-3106
Title No. 002562 *Sale* $60.25
Describes the construction, uses, and principles governing the operation of DC motors and generators.

MOTORS AND GENERATORS, PT 2 - AC MOTORS AND GENERATORS
25 min, 16mm film, optical sd, b&w 1961
Producer USA *Agency No.* TF09-3107
Title No. 534801 *Sale* $43.75
Describes the design, characteristics, and operation of AC generators and motors.

MOUNTAIN AND DESERT SURVIVAL - DESERT SURVIVAL
31 min, 16mm film, optical sd, col 1963
Producer USAF *Agency No.* TF 5571B
Title No. 535008 *Sale* $104.25
Outlines principles of desert survival. Shows procedures for

promoting rescue and maintaining personnel health and comfort. Points out sources of food and water, explains shelter construction and discusses use of signal fires and mirror. Emphasizes importance of calmness and clear thinking. Demonstrates the tragedy that can result from fear and panic. **CLEARED FOR TV.**

***MOUNTAIN WATER**
17 min, 16mm film, optical sd, col 1950
Producer USDA *Agency No.* 1026
Title No. 535479 *Sale* $80.00
Shows how the water supply for industrial, agricultural and domestic uses in the western United States depends on mountain water. Stresses the need for conservation of forests and vegetation on mountains.

***MOUNTING OF CASTS IN A SEMI-ADJUSTABLE ARTICULATOR AND USE OF BITE PLANES**
14 min, 16mm film, optical sd, col 1970
Producer USVA *Agency No.* D-117
Title No. 535875 *Sale* $51.50
Shows a step-by-step procedure for mounting a cast in a hanau semi-adjustable articulator using a conventional face bow and cheek bites. Demonstrates adjustment and function of a maxillary bite plane since the use of such appliances often is indicated prior to determination of optimal jaw relations.

MOUTH PREPARATION FOR REMOVABLE PARTIAL DENTURES
35 min, 16mm film, optical sd, col 1964
Producer USA *Agency No.* PMF 5375
Title No. 002563 *Sale* $117.50
Shows principles and procedures for diagnosing and treating patient's mouth prior to receiving prosthesis.

MOVABLE SCENE, A
22 min, 16mm film, optical sd, col 1969
Producer USNIMH
Title No. 536160 *Rental:* W/DRAWN Sale: W/DRAWN
Provides a serious and dramatic look at some of today's young people and their use of hallucinogenic drugs. Includes quick visits to the hippies favorite meeting grounds in San Francisco, New Orleans, and New York. Explores the drug scene in London, Europe, the Middle East and the high Himalayas. Narrated by Robert Mitchum.
From the *DISTANT DRUMMER* series.

MOVEMENTS OF ENDAMOEBA HISTOLYTICA
2 min, 16mm film, silent, col 1947
Producer USNMAC *Agency No.* 04-00061
Title No. 001336 *Sale* $9.00
Cinemicrography of typical motility and ingested red cells of trophozoite of endamoeba histolytica from a clinical case of amoebic dysentery.

***MR. EDLER'S CLASS - DRUG EDUCATION AT THE ELEMENTARY LEVEL**
30 min., 16mm film, optical sd, col 1971
Producer USNIMH
Title No. 002139 *Rental* $12.50 Sale $70.25
Shows what elementary schools can do to prevent drug misuse with action being taken to detect, diagnose and treat the problem through the use of experimental innovative approaches to learning in general.
From the *SOCIAL SEMINAR* series.

***MUDJACKING CONCRETE PAVEMENT**
11 min, 16mm film, optical sd, b&w 1960
Producer USAF *Agency No.* TF-1-5356
Title No. 003106 *Rental* $5.00 Sale: W/DRAWN
Presents procedures for leveling concrete slabs with hydraulic pressure. Includes drilling, mixing special mortar, pumping mortar and watching pressure limitations. Describes tools and equipment used in the operation.

***MULTI-SENSORY INPUT FEEDBACK**
3 min, s8mm cartridge, optical sd, col
Producer USBEH
Title No. 003403 *Sale* $24.25
Sold only in a cartridge with auditory feedback and self montoring practice.

MULTIPLE HANDICAPPED, THE
23 min, 16mm film, optical sd, col 1970
Producer USBEH
Title No. 338504 *Rental* $10.00 Sale $108.00
Shows mentally retarded, cerebral palsied, dysmelia, deaf-blind, and emotionally disturbed deaf children in Sweden, Germany, the Netherlands, and England.
From the *INTERNATIONAL EDUCATION OF THE HEARING Impaired Child Series.*

MUNICIPAL SEWAGE TREATMENT PROCESSES
13 min, 16mm film, optical sd, b&w 1951
Producer USNMAC *Agency No.* M-0006
Title No. 002565 *Sale* $23.75
Shows the equipment and explains the processes used by U S cities to reduce sewage to harmless effluent and solids, thus protecting the health of residents and conserving water resources.

MUSEUM OF ART
27 min, 16mm film, optical sd, col 1958
Producer USIA *Agency No.* 01-02375
Title No. 004350 *Rental:* W/DRAWN Sale: W/DRAWN
Describes the role of art museums in communities throughout the United States and shows examples of art on display.

MUSEUM OF SCIENCE AND INDUSTRY, THE
18 min, 16mm film, optical sd, b&w 1950
Producer USDS
Title No. 002566 *Rental* $7.50 Sale $38.50
An excursion through the Museum of Science and Industry in Chicago shows the world of today against the background of yesterday--the automobile, streamliner, and stratoliner of today and the horseless carriage and woodburning train of early years.

MUSEUMS FOR SCHOOL CHILDREN
21 min, 16mm film, optical sd, b&w 1951
Producer USA *Agency No.* 08-10839
Title No. 002567 *Rental* $7.50 Sale $44.50
Pictures the facilities and explains the educational value of children's museums in the United States.

***MUSIC IN THE FOREST**
30 min, 16mm film, optical sd, b&w 1963
Producer USIA *Agency No.* 01-00417
Title No. 004351 *Rental* W/DRAWN Sale: W/DRAWN
Depicts life at the summer music camp at Interlochen, Michigan. Includes the young students' music training as well as recreation and non-classroom activities.

MUTUAL AID - THE 'US' IN INDUSTRY
26 min, 16mm film, optical sd, col 1965
Producer USOCD *Agency No.* DODCD20-237
Title No. 002568 *Sale* $86.50
Explains the steps and procedure in the organizing and conducting of an Industrial Mutual aid association and its important civil defense function. Features many industries working together. Gives the Linden Industrial Mutual Aid Council (LIMAC) of Linden, N.J., As an example of major industries working together.

MY CHILD IS BLIND
21 min, 16mm film, optical sd, b&w 1951
Producer USA *Agency No.* 08-10878
Title No. 002569 *Rental* W/DRAWN Sale: $46.25
Shows how a blind child, given patient treatment and proper training at a special nursery school for the blind, can be taught many things normal children do.

MY FRIEND, THE ENEMY
35 min, 16mm film, optical sd, b&w 1965
Producer USIA *Agency No* 01-02641
Title No 004352 *Rental* W/DRAWN Sale: W/DRAWN
Uses an actual case in which labor and management settle a dispute by the bargaining process, to illustrate how mutual co-operation benefits both labor and industry. Gives intimate details of the meetings which reveal principles and tactics of bargaining.

MYCOCSIS FUNGOIDES
16 min, 16mm film, optical sd, col 1952
Producer USVA
Title No 002570 *Rental* $99. Sale $55.
Discusses the historical development, classification, and clinical and histopathological features of mycosis fungoides. Emphasizes histological criteria for diagnosis, shows clinical appearances of the pre-mycotic, mycotic, and ulcerative phases of the disease, and follows a case over a four-year period from early pre-mycotic to autopsy findings.

MYCOLOGICAL SLIDE CULTURE TECHNIQUE
7 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No* M-0767
Title No 002571 *Sale* $22.75
Shows a method of growing fungus on microscope cover slips to preserve mycelia and spores intact.

* **MYELOMATOSIS WITH CUTANEOUS MANIFESTATIONS**
6 min, 16mm film, optical sd, col 1962
Producer ILDS
Title No 004353 *Rental* W/DRAWN Sale: W/DRAWN
Follows a patient through myelomatosis to death. Contrasts abnormal bone marrow, blood and tissue globulins, immunologic responses of a delayed type with normal immediate response to histamine.

* **MYSTERY AT SMOKY HOLLOW**
28 min, 16mm film, optical sd, col 1968
Producer USDA *Agency No* 6153
Title No 003975 *Sale* $139.00
A forest ranger traces the origin of a woods fire by questioning several members of a community about their activities in or near the woods at the time the fire started. The mystery of how each person is impressed with the need for careful attention whenever fire is used in or near a forested area.

NAPLES TO CASSINO
26 min, 16mm film, optical sd, b&w 1948
Producer USA *Agency No* CHR-C-003
Title No 542400 *Sale* $45.50
Shows scenes of fighting during the drive of Allied Forces from Naples to Cassino, Italy, during World War II.

NARCOTIC DEATHS, PT 1
27 min, 16mm film, optical sd, b&w 1970
Producer USNMAC *Agency No* T-1898A
Title No 002572 *Sale* $56.50
Describes the types of narcotic deaths encountered, types of drugs used, and symptomatic changes found externally as well as internally. Discusses and demonstrates the implements involved in using narcotic drugs and shows slides of victims of narcotic overdosage and the effects of narcotic intravenous injections on veins and subcutaneous tissue. (Kinescope)

RESTRICTED TO PROFESSIONAL AUDIENCES--RESIDENTS, OTHER MEDICAL PROFESSIONAL PERSONNEL, AND RESEARCH AND SOCIAL WORKERS IN THE FIELD OF MEDICINE. CLEARED FOR USE ON EDUCATIONAL CLOSED-CIRCUIT TELEVISION ONLY.

NARCOTIC DEATHS, PT 2
21 min, 16mm film, optical sd, b&w 1970
Producer USNMAC *Agency No* T-1898B
Title No 002573 *Sale* $44.50
Describes the types of narcotic deaths encountered, types of drugs used, and symptomatic changes found externally as well as internally. Discusses and demonstrates the implements involved in using narcotic drugs and shows slides of victims of narcotic overdosage and the effects of narcotic intravenous injections on veins and subcutaneous tissue. (Kinescope)

RESTRICTED TO PROFESSIONAL AUDIENCES--RESIDENTS, OTHER MEDICAL PROFESSIONAL PERSONNEL, AND RESEARCH AND SOCIAL WORKERS IN THE FIELD OF MEDICINE. CLEARED FOR USE ON EDUCATIONAL CLOSED-CIRCUIT TELEVISION ONLY.

* **NARCOTICS**
24 min, audiotape cassette, 2-track, monaural
Producer USNIMH
Title No 002143
Available only as part of a series. Discusses the various derivatives of opium, the narcotics, and the narctoics antagonist.
From the *PROFESSIONAL DRUG TAPE* series.

* **NARRATIVE CONSTRUCTION SAFETY AND HEALTH TRAINING COURSE**
290 2x2 slides, audiotape cassette, col 1973
Producer USDL
Title No 006405 *Sale* $90.00
Improves the ability to recognize, avoid and prevent unsafe working conditions on a constuction job. These training materials cover all phases of construction safety from pre-job planning to the finished job. Careful study is given to built-in hazards in the use of material-handling loaders, bulldozers and trucks. The dangers present in the use of arc and gas welding, cutting equipment and flammable fuels and liquids are examined and given special attention. Also included and thoroughly discussed are personal protective equipment, hand tools and accessories for major powered equipment. Slides are accompanied by instructor's manuals.

NATION IN TORMENT, A
11 min, 16mm film, optical sd, b&w 1956
Producer USIA
Title No 004354 *Rental* W/DRAWN Sale: W/DRAWN
Reviews briefly the history of Hungary with particular reference to the period 1946-56. Describes the October 1956 revolt of the people, its repression by Soviet troops, and the exodus of Hungarian refugees.

* **NATIONAL ARBORETUM, THE**
14 min, 16mm film, optical sd, col 1969
Producer USDA *Agency No* 7087
Title No 003976 *Sale* $71.00
Shows the sharp contrast between the hubbub of the Nation's captial and the serene and beautifull showplace of living plants--the National Arboretum in Washington. The four seasons are compressed into this short tour where you can watch scientists at work and look at the vivid colors of thousands of flowers. Includes a sequence taken in the Far East, showing a USDA scientist collecting plants for developing new ornamentals to beautify America.

NATIONAL FOLK FESTIVAL, PT 1
10 min, 16mm film, optical sd, b&w 1950
Producer USA
Title No 543151 *Rental* $5.00 Sale $21.00
Includes western German and Philippine dances, a New England barn dance and the Scottish Highland fling.

NATIONAL FOLK FESTIVAL, PT 2
10 min, 16mm film, optical sd, b&w 1950
Producer USA
Title No 543152 *Rental* $5.00 Sale $21.00
Includes Polish, English, Croatian, American Indian, Lithuanian, Ukrainian, Texas and Tennessee dances and Negro and Yugoslav songs.

NATIONAL FOLK FESTIVAL, PT 3
10 min, 16mm film, optical sd, b&w 1950
Producer USA
Title No 543154 *Rental* $5.00 Sale $21.00
Includes Israeli, Russian, Czechoslovakian and American square dances, Ozark ballads, songs of Pennsylvania coal miners, Spanish-American songs and 'Casey Jones.'

* **NATIONAL FOREST TRAILS**
25 min, 16mm film, optical sd, col 1968
Producer USDA *Agency No* 7086-1
Title No 003783 *Sale* $123.00
Combines the slides taken and the recorded voice of Edward

P. Cliff, Chief, Forest Service, on the occasion of a presentation to the 17th meeting of the Appalachian Trail Conference, at Cashiers, North Carolina. The general policy of the Forest Service toward recreation trails is covered.

***NATIONAL GRASSLANDS**
27 min, 16mm film, optical sd, col 1955
Producer USDA *Agency No.* 1551
Title No. 003977 *Sale* $122.00
Traces the history of our grasslands from their depletion in the 1930's to their present restoration, the result of careful management.

NATIONAL LIBRARY OF MEDICINE
26 min, 16mm film, optical sd, col 1963
Producer USNMAC *Agency No.* M-0523
Title No. 002574 *Sale* W/DRAWN
Describes the history, resources, and services of the National Library of Medicine.

***NATURE OF HUMAN COLOR CHANGE, THE GENETIC, HORMONAL, NEOPLASTIC**
90 min, 16mm film, optical sd, b&w 1968
Producer USNMAC *Agency No.* T-1875-X
Title No. 002575 *Sale* $187.00
Depicts the importance of melanin pigmentation and its relationship to systemic disease. Demonstrates with patients, marine animals, mice, film, charts, and slides the basic science aspects, the genetic and hormonal control of melanin pigmentation, and neoplasms involving pigment cells with special attention to the recognition of early melanomas. (Kinescope)

NATURE OF SEA WATER
29 min, 16mm film, optical sd, col 1967
Producer USN *Agency No.* MN10317
Title No. 002576 *Sale* $97.75
Describes physical and chemical properties of sea water. Explains how man's understanding of the sea is basic to making use of ocean resources.

NAUTICAL ASTRONOMY
23 min, 16mm film, optical sd, b&w 1942
Producer USN *Agency No.* MN00083C
Title No. 002577 *Rental* $10.00 *Sale* $40.50
Explains how the celestial coordinates are placed in relation to the Earth, and how declination, zenith point, nadir line, and the June and September solstices are used in celestial navigation. College level.

NAUTILUS CROSSES THE TOP OF THE WORLD, THE
10 min, 16mm film, optical sd, b&w 1958
Producer USIA *Agency No.* 01-04204
Title No. 004676 *Rental* W/DRAWN *Sale* W/DRAWN
Recounts the four-day epic journey under the polar ice cap of the atomic-powered submarine Nautilus. Includes a description of the ship's atomic reactor by Rear Admiral Hyman Rickover, who pioneered the nuclear submarine.

***NAVAL FLIGHT OFFICER - CALLING THE SIGNALS, THE**
28 min, 16mm film, optical sd, col 1970
Producer USN *Agency No.* MN-10681
Title No. 002140 *Sale* $113.50
Emphasizes the importance of the Naval Flight Officer to the team effort of an aviation mission.

NAVAL RESEARCH LABORATORY REACTOR
21 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No. 002578 *Sale* $89.00
Shows the Naval Research Laboratory's pool type, 100-kw Research Reactor facility in Washington. All visible components are pictured and described. Action includes startup, operation of controls, and underwater shots of the cerenkov radiation. Composition of fuel elements, assembly of a core, and methods of exposing samples are explained by cutaway drawings and animation. Several experiments, representative of the type of research performed with the reactor, are described.

NAVAL STEAM TURBINES - HOW TURBINES WORK
17 min, 16mm film, optical sd, b&w 1951
Producer USN *Agency No.* MN06732B
Title No. 002579 *Sale* $30.50
Discusses the basic principles and design of main propulsion and auxiliary steam turbines in Navy use.

NAVAL STEAM TURBINES - TURBINE CASUALTIES
12 min, 16mm film, optical sd, b&w 1950
Producer USN *Agency No.* MN06732C
Title No. 002580 *Sale* $22.25
Explains the delicate nature of turbine equipment and the care which should be observed in its oiling, cleaning, and maintenance.

NAVAL WARS WITH FRANCE AND TRIPOLI, THE
26 min, 16mm film, optical sd, col 1953
Producer USN *Agency No.* FN06943B
Title No. 546560 *Sale* $88.00
Presents through still pictures, using the filmograph technique, the naval history of the United States from 1785 to 1805. Includes scenes of the wars with France (1798-1800), with Tripoli (1801-1805), The arrival of the U S fleet in the Mediterranean, the destruction of the frigate Philadelphia, the bombardment of Tripoli, and the march on Derna.

***NAVIGATION RETURNS TO THE ARKANSAS**
14 min, 16mm film, optical sd, col 1963
Producer USAE
Title No. 003514 *Sale* $58.25
Describes the Corps of Engineers current construction activities and future plans for the comprehensive development of the Lower Arkansas River Basin. Photographs of construction and animation are used to describe the extensive program which is making the last major tributary of the Mississippi River ready for modern barge transportation besides providing flood control, water supply, power, and recreation benefits.

NAVY AND SCIENCE, THE
12 min, 16mm film, optical sd, b&w 1951
Producer USN *Agency No.* MN 06658
Title No. 002581 *Sale* $22.25
Highlights some of the scientific research programs being conducted by the Navy.

NAVY BOBSLED RACING TEAM
15 min, 16mm film, optical sd, col 1969
Producer USN *Agency No.* MN10672
Title No. 002582 *Sale* $60.00
Shows phases of bobsled racing and activities of the Navy team in both domestic and international competitions.

NAVY METEOROLOGY FOR COLLEGE GRADUATES
15 min, 16mm film, optical sd, col 1967
Producer USN *Agency No.* MN10535
Title No. 002627 *Sale* $62.25
Shows opportunities for meteorologists as officers in the Naval Weather Service.

NAVY PHOTOGRAPHY IN SCIENCE
28 min, 16mm film, optical sd, col 1948
Producer USN *Agency No.* MN05348C
Title No. 002584 *Sale* $94.50
Shows uses of photography in scientific research--time lapse, high-speed, slow-motion, stroboscopic, microscopic, and under-water techniques. Includes scenes of the Moon in motion, blood circulation in the brain, and the Earth from 101 miles altitude.

NAVY STANDARD SWIMMING TEST AND ABANDONING SHIP DRILLS
18 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN02652B
Title No. 002585 *Sale* $32.00
Shows various tests given to Navy personnel to determine swimming abilities, and illustrates abandoning ship drills.

NAZIS STRIKE, THE
41 min, 16mm film, optical sd, b&w 1943
Producer USWD *Agency No.* OE 02
Title No. 002586 *Rental* $12.50 Sale $84.00
Documents Germany's preparations for war, the conquest of Austria and Czechoslovakia, and the attack upon Poland.
From the *WHY WE FIGHT* series.
RESTRICTIONS--SALE OR RENTAL IS APPROVED FOR STUDY AND EDUCATIONAL PURPOSES ONLY. FILM MAY BE USED ON CLOSED CIRCUIT TELEVISION BUT CANNOT BE USED ON BROADCAST TELEVISION.

NEAR HORIZON, THE
18 min, 16mm film, optical sd, b&w 1955
Producer USIA
Title No. 004355 *Rental* W/DRAWN Sale W/DRAWN
Describes past progress and current economic developments in Latin America. Illustrates principles of modern economic development and interdependence. Shows progress in industry, agriculture, power, and transportation. Describes the extent of intrahemispheric trade.

NEUROSURGERY - FACIAL NEURALGIA
13 min, 16mm film, optical sd, col 1946
Producer USN *Agency No.* MN02230E
Title No. 548301 *Sale* $42.00
Demonstrates the surgical treatment of trigeminal and glossopharyngeal neuralgia.
RESTRICTED TO MEDICAL PERSONNEL.

NEUTRON ACTIVATION
8 min, 16mm film, optical sd, col 1964
Producer USAEC
Title No. 002587 *Sale* $30.00
Describes the analytic techniques which are involved in measuring the presence of radioactive elements from a substance irradiated with neutrons.

NEUTRON DIFFRACTION
9 min, 16mm film, optical sd, col 1964
Producer USAEC
Title No. 002588 *Sale* $35.00
Describes the principles of neutron diffraction and the new fields of investigation involving diffraction effects. Compares waves lengths of thermal neutrons neutrons to X-rays used in the study of crystal structures, and contrasts their different scattering processes. Discusses the usefulness of neutron diffraction studies in determining the positions of light atoms in the crystal structure and in providing a unique for the study of magnetic orientation.

NEUTRON IMAGE DETECTOR
6 min, 16mm film, optical sd, col 1965
Producer USAEC
Title No. 002589 *Sale* $23.50
Describes a new vacuum tube developed by the Argonne National Laboratory Metallurgy Division and the Rauland Corporation, a subsidiary of Zenith Radio of Zenith Radio Corporation. The tube contains a neutron-sensitive screen one foot in diameter. It produces a brilliant image which may be viewed with a closed circuit television camera. Applications of the tube to neutron radiography and neutron motion pictures are illustrated.

NEVER AMONG STRANGERS
14 min, 16mm film, optical sd, col 1968
Producer USMC *Agency No.* MH10436
Title No. 548407 *Sale* $56.50
Shows the training, job opportunities and liberty for prospective women Marine Corps recruits.

***NEVER TRUST ANYONE UNDER 60**
60 min, 16mm film, optical sd, col 1971
Producer USSRS
Title No. 003091 *Sale* $200.00
Describes graphically problems on aging such as those discussed at the White House Conference on Aging isolation, abandonment, housing, etc.

***NEVOID BASAL CELL CARCINOMA SYNDROME, THE**
19 min, 16mm film, optical sd, col 1967
Producer IDCE
Title No. 004677 *Rental:* W/DRAWN Sale: W/DRAWN
Demonstrates clinical and radiographic evidence of this genetically determined, unusual type of cancerous nevus in a father and his son. Points out specific characteristics of the disease.

***NEW ALASKA, THE**
28 min, 16mm film, optical sd, col 1960
Producer USDA *Agency No.* 1364
Title No. 004150 *Sale* $125.00
Explains how the national forests of Alaska, through timber, water, recreation and wildlife and the multiple use management of these resourses contribute to Alaska's expanding economy.

NEW DIAGNOSTIC PROCEDURES IN THE DIAGNOSIS OF PITUITARY DISEASE
35 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No.* T-1503
Title No. 002590 *Sale* $72.50
Shows new developments in the field of radioimmunoassay resulting in sensitive and specific methods for the measurement of all pituitary hormones except prolactin in peripheral plasma. Reviews past diagnostic procedures. (Kinescope)

NEW EYES AND NEW EARS
20 min, 16mm film, optical sd, b&w 1951
Producer USA
Title No. 002591 *Sale* $42.50
Explains the use of audio-visual materials in Japan and shows how Civilian Informational and Educational (ci&e) Films of the Supreme Commander, Allied Powers were produced for and utilized in Japan.

***NEW GUIDELINES FOR THE WELL-LANDSCAPED HOME**
14 min, 16mm film, optical sd, col 1966
Producer USDA *Agency No.* 6862
Title No. 003978 *Sale* $72.00
Shows examples of successful landscapes, various uses for trees, shrubs and flowers, and ideas for incorporating related materials into the overall design. Each step of proper landscaping is explained and elaborated for the viewer.

NEW IDEAS ABOUT AN OLD DISEASE DIABETES MELLITUS
40 min, 16mm film, optical sd, b&w 1964
Producer USNMAC *Agency No.* T-1822-X
Title No. 002592 *Sale* $81.00
Presents many facets of diabetes, including its classification, its treatment with insulin and oral hypoglycemic agents, and the handling of the complication of peripheral vascular disease and infection. (Kinescope)

NEW JOB, THE
20 min, 16mm film, optical sd, b&w 1969
Producer USIA *Agency No.* 01-11657
Title No. 004356 *Rental* W/DRAWN Sale: W/DRAWN
Focuses on the activities of private U S corporations which provide vocational training and jobs for underprivileged and undereducated men and women who live in ghettos of the United States.

***NEW LIFE FOR THE GREAT PLAINS**
12 min, 16mm film, optical sd, col 1965
Producer USDA *Agency No.* 4045-1
Title No. 003979 *Sale* $56.00
Promotes the Great Plains Soil Conservation Program by showing the progress made in soil and water conservation in Baca County, Colorado.

NEW LOOK AT AN OLD PLANET, A
26 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No.* HQ 178
Title No. 002593 *Sale* $103.75
Highlights benefits of weather, communication, navigational and Earth satellites. Illustrates future potential uses of satellites in agricultural, oceanographic and natural resource studies. Narrated by Robert Landers.

* INDICATES NEW ENTRY

NEW LOOK AT FOG, A
13 min, 16mm film, optical sd, col 1967
Producer USFAA *Agency No.* FA-0608
Title No. 002594 *Sale* $52.50
Explains how marginal weather caused by fog is being researched at the University of California fog test chamber. Sponsored by the Federal Aviation Administration, the chamber is used primarily for different lighting patterns for airport approach, runway, touchdown, and centerline locations. Reveals the initial findings of the new chamber including the recently authorized 1800 foot runway visual range visibility condition.
CLEARED FOR TV.

***NEW NUMBERS, THE**
17 min, 16mm film, optical sd, col 1968
Producer USDA *Agency No.* 7271
Title No. 003980 *Sale* $ 9.00
Describes the techniques and procedures used by USDA's statistical reporting service in making enumerative and objective surveys of crop yields. Emphasis is given to the procedures used in the field for counting, measuring and weighing plant characterhetics associated with yield per acre of cotton, corn, wheat, and tree fruits.

***NEW PATTERNS ON THE LAND**
13 min, 16mm film, optical sd, col 1967
Producer USDA *Agency No.* 6242
Title No. 003981 *Sale* $67.00
Conservation farming has brought 'new patterns on the land' to the American rural landscape. An explanation was needed for the curiosity of the traveling public who have seen these patterns, particularly from the air. Gives the story of modern farming and ranching in the pictorial setting so few of us really know.

NEW POWER, THE
45 min, 16mm film, optical sd, col 1967
Producer USAEC *Agency No.* 0220
Title No. 002595 *Sale* $183.50
Explains how the National Reactor Testing Station in Idaho is furthering the Atomic Energy Commission's quest for economic nuclear power. Describes more than 40 experimental nuclear reactors.

NEW SPIRIT FOR '76, A
10 min, 16mm film, optical sd, col 1970
Producer USARBC
Title No. 002596 *Sale* $48.00
Presents the highlights of President Nixon's remarks to the American Revolution Bicentennial Commission on October 8, 1969, charging them with the responsibility for planning the commemoration of the 200th anniversary of the U S. Shows the ideas associated with the American Revolution and their implications for future generations.

***NEW START, A**
29 min, 16mm film, optical sd, col 1969
Producer USSRS
Title No. 550599 *Rental* $12.50 Sale $175.00
Describes the life of an ex-prisoner before and after his rehabilitation. His counselor talks about his success in working with public offenders.
From the *TO LIVE AGAIN* series.

NEW SUPERVISOR TAKES A LOOK AT HIS JOB, A
13 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 150
Title No. 550625 *Rental* $7.50 Sale $23.75
Shows a machine tool operator who is made a group leader and his plant superintendent Expalins to him the meaning of working with people instead of machines.
From the *PROBLEMS IN SUPERVISION* series.

***NEW USES FOR FARM PRODUCTS**
20 min, 16mm film, optical sd, b&w 1959
Producer USDA *Agency No.* 1210-71 SPC
Title No. 003982 *Sale* $43.00
Reviews highlights of U S Department of Agriculture researchers in their constant quest for new uses for many products. Includes reports on instant mashed potatoes, improved cotton fabrics, starch research, better plastics, and other new and improved products at Beltsville, MD., And regional utilization and research development laboratories.

***NEW VIEW OF SPACE, A**
28 min, 16mm film, optical sd, col 1972
Producer USNASA *Agency No.* HQ 214
Title No. 002141 *Sale* $117.25
Presents a visually dynamic look at the space program through the use of the photographic medium. Emphasizes how the visual image of photography has contributed toward many achievements in research and engineering, in space science and exploration, and in space benefits to mankind.

NEW WATER FOR A THIRSTY WORLD
22 min, 16mm film, optical sd, col 1965
Producer USOSW
Title No. 002598 *Sale* $109.50
Tells of saline water conversion--its need, its workings, and its future potential.

NEW WORK FOR GREENVILLE
8 min, 16mm film, optical sd, col 1969
Producer USSRS
Title No. 002599 *Sale* $33.50
Shows job training for industrial survival in Greenville, Mississippi. Emphasizes the role of private industry in the rehabilitation process.

***NEWS STORY, A**
30 min, 16mm film, optical sd, col 1971
Producer USNIMH
Title No. 002142 *Rental* $12.50 Sale $81.50
Illustrates how a story makes its way to the television screen. Explains problems of research filming - editing and presentation. Shows the process to aid the teacher in developing powers of discrimination in dealing with the flood of information about drug use and the drug culture.
From the *SOCIAL SEMINAR* series.

NGUNG LAI
26 min, 16mm film, optical sd, col 1967
Producer USCG
Title No. 552228 *Sale* $105.50
Tells the story of vessel preparation, special personnel training, deployment and patrol operations of the twenty-six 82-foot cutters and their crews assigned to operation market time in South Vietnam.
CLEARED FOR TV.

NIACIN-NITRATE REDUCTION TEST
5 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No.* M-0772
Title No. 552225 *Sale* $19.50
Demonstrates a rapid test for identifying M. Tuberculosis. This procedures is based on the ability of M. tuberculosis both to produce niacin and to reduce nitrates to nitrites, an ability possessed by no other pathogenic mycobacteria.

NIGHT ON JACKRABBIT MESA, A
23 min, 16mm film, optical sd, col 1967
Producer USAF *Agency No.* SFP 1392
Title No. 002600 *Sale* $78.25
Shows civil officials what to do in case of off base military aircraft accidents. Explains how souvenir hunters can hamper investigating teams.
CLEARED FOR TV.

NIGHT PILOTING, SURFACE
18 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN00083U
Title No. 002601 *Sale* $32.00
Studies a night piloting problem and shows the procedure of bringing the U S S Savannah into a harbor at night.

NIGHTMARE FOR THE BOLD
53 min, 16mm film, optical sd, b&w 1959
Producer USAF *Agency No.* TF1-5301
Title No. 002602 *Sale* $92.50
Dramatizes events in the life of a fictional man, Mike Adams,

who must learn to live with a lifetime of regret as the result of an automobile accident

***NINE FROM LITTLE ROCK**
20 min, 16mm film, optical sd, b&w 1964
Producer USIA
Title No 553310 *Rental* W/DRAWN *Sale* W/DRAWN
Summarizes the individual achievements of the nine Negro students in Central High School in Little Rock, Arkansas following integration of the School in 1957. Their progress since these events and the effects on their future are related by personal narrative accounts. Their reaction in 1957 and their success in continuing their educations at that time are highlighted.

***NINE OUT OT TEN**
31 min, 16mm film, optical sd, col 1971
Producer USDA *Agency No* 10034
Title No 002213 *Sale* $152.00
Features service wide fire prevention problems of debris burning, industrial fires, and recreation fires. The training message involves 10 essentials for improving fire prevention and how to apply them.

***NINETEEN HUNDRED FIFTY-FIVE ERUPTION OF KILAUEA VOLCANO, HAWAII**
12 min, 16mm film, optical sd, col 1958
Producer USGS
Title No 003115 *Sale* $43.00
Features the eruption of Kilauea Volcano, Hawaii in 1955 from the first appearance of fissures that formed along the rift zone, through the appearance of lava, to great pillars of rising steam generated as the lava river plunges into the sea.

NO GREATER CHALLENGE
14 min, 16mm film, optical sd, col 1969
Producer USAEC *Agency No* 0440
Title No 001487 *Sale* $48.50
Shows man's historic and growing hunger for water and a dramatic solution to this great challenge—the agro-industrial complex. With the nuclear reactor as the energy source, and the desalting plant as the fresh water source, tomorrow's coastal deserts may be transformed into self-sustaining, mammoth nuclear powered agro-industrial centers consisting of farms and industrial plants.

NON-ROOT FEEDING OF PLANTS
21 min, 16mm film, optical sd, col 1958
Producer USAEC *Agency No* 0221
Title No 002604 *Sale* $87.50
Describes the techniques of applying nutrients to the visible, above-ground portion of plants. Discusses the method of tracing the nutrients through the plant's system by means of radioisotopes.

NON-VERBAL COMMUNICATION
27 min, 16mm film, optical sd, b&w 1952
Producer USVA
Title No 002605 *Sale* $47.00
Discusses the recognition of the clues of nonverbal communication and the manner in which these clues can be used in an interview situation to obtain information and to further therapy. Illustrates the various points through pictures, with subtitles, of actual unrehearsed interview situations.

NORMAL HEART SOUNDS AND INNOCENT HEART MURMURS - A STETHOSCOPIC STUDY, PTS 1 AND 2
41 min, 16mm film, optical sd, col 1964
Producer USNMAC *Agency No* M-0625
Title No 002606 *Sale* $136.75
Provides the student with a foundation for the successful analysis of heart sounds and murmurs. It is also a visual-sound aid to understanding normal cardiac auscultation and to interpretation of cardiac events.

NORMANDY INVASION
19 min, 16mm film, optical sd, b&w 1944
Producer USCG
Title No 555895 *Sale* $38.00
Photographic record by U S Coast Guard combat photographers of the preparations for and the invasion of Europe in 1944.

NORTHWEST U S A
22 min, 16mm film, optical sd, b&w 1945
Producer USOWIO
Title No 002607 *Rental* $7.50 *Sale* $46.25
Reviews the resources, industries, and people of Oregon and Washington.
From the *AMERICAN SCENE* series, No 10

NORWAY RAT, HABITS AND CHARACTERISTICS, THE
18 min, 16mm film, optical sd, b&w 1953
Producer USPHS *Agency No* M-0037.1B
Title No 556950 *Sale* $32.00
xplains and pictures the characteristics and habits of the Norway rats-their colonies, runways, physical characteristics, feeding habits, and nocturnal activities. Makes the point that only by knowing the habits of the Norway rats can man control them.

NOSE, THE
14 min, 16mm film, optical sd, col 1969
Producer USNMAC *Agency No* M-1718
Title No 006439 *Sale* $58.25
Presents an appraisal of the external appearance, vestibule, mucosa, nasal septum, and structures of the lateral wall.

NOT BY MAGIC
14 min, 16mm film, optical sd, col
Producer USGSA
Title No 557395 *Sale* $63.25
Portrays the function of the General Services Administration's Federal Supply Service.

NOT SICK ENOUGH
11 min, 16mm film, optical sd, col 1969
Producer USSRS
Title No 002608 *Sale* $43.00
Depicts the special problem of mental illness in the unnoticed neurotic.

NOTHING FOR GRANTED
29 min, 16mm film, optical sd, col 1970
Producer USN *Agency No* MN10825
Title No 002609 *Sale* $115.50
Describes the Navy Operational Test and Evaluation Force and procedures for testing and evaluating systems and equipment programmed for future Navy use.

NOVEL METHODS OF FUEL FABRICATION
14 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No 002610 *Sale* $72.75
Describes cold closure, a process for the cladding of solid uranium fuel in aluminum by sizing a heavywalled cup, then cold welding. Illustrates electron-beam welding, a process utilizing electrons accelerated through a vacuum.

NOW 'AIRPORT'
11 min, 16mm film, optical sd, b&w 1967
Producer USIA *Agency No* 01-11435
Title No 558600 *Rental* W/DRAWN *Sale* W/DRAWN
Presents an impressionistic study of Kennedy Airport as a hub of perpetual international motion. Uses a rapidly-paced series of images to portray the charged atmosphere of urgency, excitement, glamor and anxiety. Reveals the complex logistics and machinery that must function continuously to maintain daily operation.

NOW SCENE, THE
14 min, 16mm film, optical sd, col 1963
Producer USAF *Agency No* NS 1
Title No 002611 *Sale* $58.25
Shows U S Air Force demonstrations and facilities—such as buildings suspended on coils inside mountains where the

● INDICATES NEW ENTRY

huge underground complex of the North American Air Defense Command (NORAD) is located, the thunderbirds and their spectacular F4E Phantom 2 demonstrations, and life at Oxnard AFB where fighter interceptor squadrons are trained. Depicts the life and activities of men who become our combat pilots, and highlights missions of the flight nurses.
CLEARED FOR TV

NOW WE ARE FREE
26 min, 16mm film, optical sd, b&w 1957
Producer USIA
Title No. 004357 *Rental* W/DRAWN *Sale* W/DRAWN
Follows a hungarian family from Budapest, first to Austria, then to Camp Kilmer in New Jersey, and finally to resettlement in a midwest city in the U S.

NUCLEAR NAVY, THE
28 min, 16mm film, optical sd, col 1967
Producer USN *Agency No.* MN10101
Title No. 558920 *Sale* $94.50
Tells the story of the Navy's development of nuclear power and its application in long-range submarines and the growing nuclear surface force. Narrated by Frank Blair.

NUCLEAR POWER AND THE ENVIRONMENT
14 min, 16mm film, optical sd, col 1969
Producer USAEC
Title No. 558924 *Sale* $44.00
Dramatizes the problems that stem from the growing demands for electricity in the U S, demands which are doubling every ten years. To meet these future needs, the most practical means of producing power in large amounts is to build steam-powered electrical power plants—both fossil-fuel and nuclear. The great care taken in studying and controlling effects of nuclear power plants on the environment is discussed. Environmental surveys are conducted to predict and control effects on fish life, ecology and hydrology.

NUCLEAR POWER FOR SPACE - SNAP-9A
12 min, 16mm film, optical sd, col 1963
Producer USAEC *Agency No.* 0226
Title No. 002612 *Sale* $49.00
Shows the launching of a new satellite, which is being wholly powered by a nuclear generator; animation is used to explain the use of its isotopic generator to create power to run electronic equipment, and transmit data back to Earth for analysis. The advantages of nuclear energy are shown over the use of chemical energy and solar energy.

NUCLEAR PROPULSION IN SPACE
24 min, 16mm film, optical sd, col 1968
Producer USNASA *Agency No.* HQ 152
Title No. 002613 *Sale* $99.75
Shows how a nuclear third stage for the Saturn 5 launch vehicle will greatly increase its performance, why the nuclear rocket uses propellant about twice as efficiently as our best chemical rockets, and how the nuclear engine will work.

NUCLEAR REACTOR FOR SPACE
17 min, 16mm film, optical sd, col 1961
Producer USAEC
Title No. 002614 *Sale* $66.75
The SNAP program-systems for Nuclear Auxiliary Poweris an AEC program to develop long-lived auxiliary Power from nuclear energy for use in satellites and space vehicles. Compact atomic reactors being developed by Atomics International for use in SNAP systems are shown.

NUCLEAR REACTOR SPACE POWER SYSTEMS
8 min, 16mm film, optical sd, col 1964
Producer USAEC *Agency No.* 0230
Title No. 002615 *Sale* $32.00
Summarizes the program aimed at developing nuclear reactor power supplies for large space vehicles. Reviews the reliability, high power levels, long unattended operating life, and safety characteristics of space nuclear power systems.

NUCLEAR SHIP SAVANNAH
20 min, 16mm film, optical sd, col 1960
Producer USIA *Agency No.* 01-02587
Title No. 004358 *Rental* W/DRAWN *Sale* W/DRAWN
Uses live action, animation and models to explain the construction of the first U S nuclear-powered commercial ship, the Savannah. Stresses the safety and dependability of this ship that can sail around the world without refueling. Depicts the work of subcontractors in many states. Includes participation of Mrs Nixon at the laying of the keel and of Mrs Eisenhower at the christening ceremony.

NUCLEAR SHIP SAVANNAH, THE
10 min, 16mm film, optical sd, col 1967
Producer USAEC
Title No. 002628 *Sale* $37.75
Reviews America's maritime growth, starting with May 22, 1819, and the story of the N S savannah; explains the design of the N S Savannah and its atomic reactor and propulsion system. Covers various phases of the ship's construction and the assembling and testing of the reactor describes the special training of the crew, shows the sea trials of the ship, and follows the trip of the N S Savannah to her first port of call at Savannah, GA., Followed by the other voyages. Includes a statement by President Lyndon B. Johnson on the significance of the nuclear ship Savannah.
OTHER FORMAT(S) or VERSION(S):
29 min, 16mm film, optical sd, col 1967
Producer USAEC
Title No. 002616 *Sale* $97.75

NURSE COMBATS DISEASE, THE
12 min, 16mm film, optical sd, col 1962
Producer USNMAC *Agency No.* M-0543
Title No. 002617 *Sale* $42.00
Shows the ways in which nurses safeguard the public, by understanding the transmission of disease and measures necessary to prevent disease and promote recovery from illness.

NURSING CARE OF THE SICK AND INJURED
28 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No.* M-0804
Title No. 002618 *Sale* $93.00
Teaches the individual how to take care of his medical and health needs in time of disaster when medical assistance might not be readily available.
From the *MEDICAL SELF-HELP* series.
REQUEST WRITTEN PERMISSION FROM THE CHIEF OF TRAINING, DIVISION OF EMERGENCY HEALTH SERVICES, HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION, U S DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, [illegible] BELCREST ROAD, WEST HYATTSVILLE, MARYLAND 20782. AFTER PERMISSION HAS BEEN OBTAINED, ATTACH TO THE PURCHASE ORDER A STATEMENT OF APPROVAL AND SEND TO N A C.

* **NURSING SCENE, THE**
12 min, 16mm film, optical sd, col 1972
Producer USNIMH
Title No. 003098 *Sale* $52.50
Describes the nursing profession, what nurses do, their specialties, the kind of training they need, and the courses they should take in high school. Directed at young black students and intended for use as part of the Youth Opportunities Unlimited recruitment program.

NURSING SERVICE IN THE NAVY - THE WARD NURSE
16 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN09225C
Title No. 002619 *Sale* $28.50
Explains the major responsibilities of a ward nurse in a naval hospital those bearing directly on the care of individual patients and those involved in the management of the ward as a unit.

NUTRITION SURVEY - REPUBLIC OF COLOMBIA
28 min, 16mm film, optical sd, col 1960
Producer USNMAC *Agency No.* M-0447
Title No. 002629 *Sale* $94.50
Documents a nutritional survey of the population of Colombia

and shows findings, routines, and problems involved in staging such a survey.

NUTRITION SURVEY - REPUBLIC OF LEBANON
21 min, 16mm film, optical sd, col 1961
Producer USNMAC *Agency No.* M-0516
Title No. 002620 *Sale* $71.50
Documents a nutritional survey of the population of Lebanon by a team of nutritional scientists of Interdepartmental Committee on Nutrition for National Development. In co-operation with the government of Lebanon, various nations agencies, and U. S. missions, such as United Nation Relief and Works Agency for Palestine refugees in the Near East and Food and Agricultural Organization. Appraisal was made of the health of the people, food availability, dietary patterns, food technology and the physical and biochemical status of representative food samples taken from various segments of the population.

OAK RIDGE NATIONAL LABORATORY AND ITS SCIENTIFIC ACTIVITIES
17 min, 16mm film, optical sd, col 1967
Producer USAEC *Agency No.* 0234
Title No. 002621 *Sale* $72.25
Surveys the numerous and varied activities and facilities at the Atomic Energy Commission's Oak Ridge National Laboratory, including activities involving nuclear research, fundamental and applied research in al fields of science, and research on the central technical problems of society.

OAK RIDGE RESEARCH REACTOR
20 min, 16mm film, optical sd, col 1958
Producer USAEC *Agency No.* 0236
Title No. 002622 *Sale* $89.00
Describes the components, facilities, uses and operation of the Oak Ridge research reactor-a tank type, heterogeneous reactor, immersed in a pool, designed to operate at 20 to 30 MW.

OBESITY
40 min, 16mm film, optical sd, b&w 1966
Producer USNMAC *Agency No.* T-1844-X
Title No. 000630 *Sale* $80.25
Compares function of caloric input and expenditure in normal man and obesity. (Kinescope)

OBJECT LESSON IN FIRE PREVENTION, AN
21 min, 16mm film, optical sd, b&w 1950
Producer USN *Agency No.* MN06896
Title No. 561040 *Sale* $37.00
Explains the fire hazards in aviation overhaul and repair shops, and the importance of protective measures. Primarily for management and supervisory personnel.

OBSTRUCTIVE LUNG DISEASE
40 min, 16mm film, optical sd, b&w 1965
Producer USNMAC *Agency No.* T-1842-X
Title No. 000631 *Sale* $78.50
Shows bronchitis, asthma, and emphysema as major health hazards with air pollution, smoking, and industrial irritants, infection, and allergy as the chief causes, and respiratory and cardiac failure the most serious complications. Recommends early diagnosis and hospital treatment. (Kinescope)

OCCLUSAL ADJUSTMENT, PT 1, CENTRIC
17 min, 16mm film, optical sd, col 1970
Producer USVA *Agency No.* D-118
Title No. 561363 *Sale* $63.75
Shows indications, principles and methods for adjustment of occlusion to optimal freedom and stability, both in centric relation and centric occlusion. Step-by-step procedure includes articulator and intra-oral demonstration.

OCCLUSAL ADJUSTMENT, PT 2, LATERAL AND PROTRUSIVE EXCURSIONS
12 min, 16mm film, optical sd, col 1970
Producer USVA *Agency No.* D-119
Title No. 561364 *Sale* $46.50
Illustrates adjustment of occlusal interferences in various eccentric contact relations by means of mounted casts and by intra-oral recording. Explains to what extent eccentric movement patterns should be adjusted.

OCCUPATIONAL THERAPY EVALUATION OF THE HEMIPLEGIC PATIENT
11 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1108
Title No. 002623 *Sale* $35.75
Demonstrates techniques and methods for the occupational evaluation of hemiplegic patients prior to initiating therapy.

OCCUPYING A PUBLIC SHELTER
24 min, 16mm film, optical sd, b&w 1966
Producer USOCD *Agency No.* DODCD20-234
Title No. 561380 *Sale* $93.75
Depicts group life in a simulated shelter, indicating some of the situations which may be expected and the effects on shelter occupants.

OCEAN PHENOMENON - THE DEEP SCATTERING LAYER
29 min, 16mm film, optical sd, col 1970
Producer USN *Agency No.* MN10524
Title No. 561701 *Sale* $115.50
Describes the search for the cause of sound reflecting layers of marine life living in the oceans of the world and how new information has helped in solving this mystery.

OCEANOGRAPHIC PREDICTION SYSTEM
23 min, 16mm film, optical sd, col 1966
Producer USN *Agency No.* MN10167
Title No. 561855 *Sale* $102.75
Shows oceanographic prediction systems and programs, and their relationship to defense and economic needs. Tells how predictions increase the use of oceanographic data for a fuller understanding and exploitation of the seas.

OCEANOGRAPHIC RESEARCH WITH THE COUSTEAU DIVING SAUCER
27 min, 16mm film, optical sd, col 1966
Producer USN *Agency No.* MN10363
Title No. 561860 *Sale* $91.25
Describes how Naval Electronics Laboratory scientists made use of the soucoupe and sous-marine over a period of six months.

OCEANOGRAPHY-SCIENCE FOR SURVIVAL
28 min, 16mm film, optical sd, col 1964
Producer USN *Agency No.* MN09835A2
Title No. 000632 *Sale* $94.50
Shows the roles of the Navy within the framework of the Inter-agency Committee on Oceanograph's numerous projects on oceanography.

● **OCS - OFFICER CANDIDATE SCHOOL**
28 min, 16mm film, optical sd, col 1972
Producer USN *Agency No.* MN-10500
Title No. 002144 *Sale* $113.50
Shows a dynamic and intimate personal profile of men enrolled in the training that premares them to serve as officers through the Naval Officer Candidate School Program.

ODE TO JOY
28 min, 16mm film, optical sd, col 1968
Producer USOE
Title No. 562100 *Rental* $12.50 *Sale* $113.50
Shows that the development of rhythm and appreciation for music is natural and progressive. Shows children playing percussion instruments, attending live concerts, opera, and ballet. Also, shows them participating in school orchestra and choral groups. Alternates between scenes of children participating in project activities and scenes relating the music to their total environment.

OF MAN AND MATTER
29 min, 16mm film, optical sd, col 1963
Producer USAEC *Agency No.* 0238
Title No. 004678 *Sale* W/DRAWN
Describes the design, development, and operation of the alternating gradient synchrotron at the Brookhaven National Laboratory. Demonstrates the function of various major components of the accelerator and explains how high energy

protrons produced in the machine are used in physical research. Shows an experiment in which photographs taken of the interaction between particle beams and the target nuclei are scanned and analyzed. Features a lecture by a Brookhaven physicist on the importance of alternating gradient synchrotrons.

OF WINGS AND WOMEN
15 min, 16mm film, optical sd, col 1966
Producer USAF *Agency No.* SFP 1226
Title No. 002624 *Sale* $51.75
Portrays history, contributions and traditions of the Women's Air Force. Points out the career opportunities available to eligible women and depicts educational, occupational and, social aspects of life as a WAF.
CLEARED FOR TV.

OFF-SITE MONITORING OF FALLOUT FROM NUCLEAR TESTS
29 min, 16mm film, optical sd, col 1958
Producer USNMAC *Agency No.* M-0309
Title No. 562447 *Sale* $97.75
Shows the radiological safety activities of the U S Public Health Service carried on at the off-site area of the Atomic Energy Commission test in Nevada.

* **OH! MY ACHING BACK**
21 min, 16mm film, optical sd, col 1965
Producer USBM
Title No. 003550 *Sale* $87.50
Shows the workmen the correct method of lifting, including good posture, position, and smooth application of lifting power. Illustrates how strains occur and how discs are 'pinched' by the flexible training human models. Emphasizes the need for proper lifting and handling of working tools and materials.
PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15213. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

OHM'S LAW
20 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-118
Title No. 000634 *Sale* $42.50
Defines Ohm's law, and discusses three forms of the formula. Explains the terms (unknowns) of E, I, and R. Demonstrates methods of finding current (i), voltage (e), or resistance (r) when the other two quantities are known. (Kinescope)

OHM'S LAW
21 min, 16mm film, optical sd, b&w 1964
Producer USA *Agency No.* TF11-3396
Title No. 563820 *Sale* $37.00
Presents a brief study of electronics with particular focus on the theory and application of Ohm's law.

OIL GEAR HYDRAULIC TRAVERSING MECHANISM, THE - PRINCIPLES OF OPERATION
22 min, 16mm film, optical sd, b&w 1944
Producer USA *Agency No.* TF09-1376
Title No. 563920 *Sale* $38.50
Shows by means of working models and animation how the oil gear traverse mechanism operates, and the path and functioning of oil through an elevated mechanism.

OLD GLORY
28 min, 16mm film, optical sd, col 1962
Producer USDOD *Agency No.* AFIF 0099
Title No. 564325 *Sale* $94.50
Describes the evolution of the U S flag from the English banner flown at Jamestown in 1607 to the fifty-star flag of 1960.

* **OLD YOUNG MAN**
27 min, 16mm film, optical sd, col 1969
Producer USIA *Agency No.* 01-11470
Title No. 004665 *Rental* W/DRAWN *Sale* W/DRAWN
Portrays Bill Bradley, basketball star in his school days, Rhodes Scholar, member of the New York Knickerbockers professional team and volunteer worker in the Harlem ghetto, as he sees himself and sorts out his thoughts concerning his past and his future.

OMRE FUEL ELEMENT REMOVAL AND SECOND CORE LOADING
15 min, 16mm film, optical sd, col 1959
Producer USAEC
Title No. 002630 *Sale* $108.00
Reports on the organic moderated reactor experiment, an experimental nuclear power project conducted by Atomics International for the AEC at the National Reactor Testing Station, Idaho.

ON FOREIGN SHORES
25 min, 16mm film, optical sd, b&w 1945
Producer USCG
Title No. 565047 *Sale* $53.50
Reviews the 1941-1945 wartime activities of the U S Coast Guard in battle zones. Includes scenes of ten invasions in which the Coast Guard participated.

ON POST SAFETY
22 min, 16mm film, optical sd, b&w 1952
Producer USA *Agency No.* TF30-1735
Title No. 000494 *Sale* $46.25
Promotes on-duty accident prevention philosophy, analyzes average accidents, and gives common causes of accidents and individual responsibility.
CLEARED FOR TV.

ON THE ICE
28 min, 16mm film, optical sd, col 1968
Producer USNSF
Title No. 565635 *Rental* $12.50 Sale $106.00
Documents the work of the United States Antarctic Research Program. Includes views of scuba divers swimming with seals under the ice, tunneling into a glacier to measure its movement, studying human adaptation at the South Pole, and observing the social behavior of penguins.

ONCE TO MAKE READY
8 min, 16mm film, optical sd, col 1967
Producer USOCD *Agency No.* DODCD05-258
Title No. 566020 *Sale* $27.75
Explains to the average citizen what it can mean to him personally when his local government undertakes a CSP program to provide the best available protection for all its citizens.
CLEARED FOR TV.

* **ONCHOCERCIASIS**
6 min, 16mm film, optical sd, col 1962
Producer ILDS
Title No. 004359 *Rental:* W/DRAWN Sale: W/DRAWN

* **ONCHOCERSIASIS IN GHANA**
31 min, 16mm film, optical sd, col 1967
Producer USNMAC *Agency No.* M-1543X
Title No. 002145 *Sale* $125.00
Explains the life cycle of the African vector on onchocerciasis, simulium damnosum theobald, the development of the parasite onchocerca volvulus in the fly and human host and their relationship to blindness in Ghana.

ONE BITE AT THE APPLE
38 min, 16mm film, optical sd, col 1970
Producer USFSS
Title No. 000251 *Sale* $152.75
Stresses familiarization with procurement procedures relative to contracting by formal advertising. A discussion between a disappointed bidder and a procurement agent sets the scene for procedural review including the role of the Federal Supply Service.

* **ONE BUG IS TOO MANY**
22 min, 16mm film, optical sd, col 1964
Producer USDA *Agency No.* 1572
Title No. 566300 *Sale* $98.00
Discusses how tuberculosis was found in a slaughtered animal at a packing plant and how the animal was traced to

* INDICATES NEW ENTRY

the owner, leading to the discovery of the disease in other animals and herds explains the State-federal Cooperative TB Eradication Program to eliminate tuberculosis form livestock, particularly cattle

ONE HUNDRED FIFTEEN - DEADLY SHIPMATE
19 min, 16mm film, optical sd, col 1960
Producer USN *Agency No* MN 8990
Title No 002632 *Sale* $65.00
Portrays the story of Joe, who is representative of all sailors. Dramatizes actual incidents to emphasize the disastrous effects of low voltage electrical shock when the basic rules of electrical safety are violated or ignored

ONE MAN - DR DE BAKEY
11 min, 16mm film, optical sd, col 1969
Producer USIA *Agency No* 01-11665
Title No 004360 *Rental* W/DRAWN Sale W/DRAWN
Tells the story of dr Michael De Bakey, world-renowned heart specialist and innovator of surgical techniques and materials for building body organs. Depicts typical daily activities of DR De Bakey, who is the son of Lebanese immigrants. Also shows him with his young aides experimenting with new equipment and materials.

ONE MAN - DR ROBERT SIMPSON
10 min, 16mm film, optical sd, col 1969
Producer USIA *Agency No* 01-01667
Title No 004361 *Rental* W/DRAWN Sale W/DRAWN
Features dR Robert Simpson and his work as Director of the National Hurricane Watch Center at the University of Miami, where hurricanes originating in the Southeast Atlantic are tracked and warnings are issued

ONE MAN - FLOYD HYDE
10 min, 16mm film, optical sd, col 1969
Producer USIA *Agency No* 01-11678
Title No 004362 *Rental* W/DRAWN Sale W/DRAWN
Depicts the story of Floyd Hyde, the dynamic 45-year-old artist-attorney, who is mayor of Fresno, California, a city of 160,000 whose economy depends upon the income from its surrounding rural areas.

ONE MAN - HAYES JONES
10 min, 16mm film, optical sd, col 1968
Producer USIA *Agency No* 01-11711
Title No 004363 *Rental* W/DRAWN Sale W/DRAWN
Tells the story of Hayes Jones, an American Negro Olympic star, who administers 900 parks and supervises 12,000 employees in his job as New York City's Commissioner of Recreation. Depicts his activities on a typical working day.

ONE MAN - JOSE GONZALES
10 min, 16mm film, optical sd, col 1968
Producer USIA *Agency No* 01-11628
Title No 004364 *Rental* W/DRAWN Sale W/DRAWN
Tells the story of Jose Gonzales, a 12-year-old Puerto Rican newspaper delivery boy in Chicago, Illinois. Depicts early difficulties on the job, quick progress in learning his trade and the happy occasion when he arrives at home with his first pay check.

ONE MAN - LYN MCLAIN
10 min, 16mm film, optical sd, col 1969
Producer USIA *Agency No* 01-11627
Title No 004365 *Rental* W/DRAWN Sale W/DRAWN
Depicts the work of Lyn Mclain as the founder and director of the District of Columbia Youth Symphony, one of the most extraordinary musical groups in the U.S. It is composed of children, ages eight to 17, from all walks of life who voluntarily use their Saturdays for the serious study of music.

ONE MAN - REVEREND LEON SULLIVAN
10 min, 16mm film, optical sd, col 1969
Producer USIA *Agency No* 01-13503
Title No 004366 *Rental* W/DRAWN Sale W/DRAWN
Tells the story of Reverend Leon Sullivan, who has in spired thousands of school dropouts and potential criminals to become useful citizens. Describes the Opportunities Industrialization Center (OIC), which he organized to train men and women of the ghetto

ONE MAN - WALTER SPIEL
10 min, 16mm film, optical sd, col 1968
Producer USIA *Agency No* 01-11679
Title No 004367 *Rental:* W/DRAWN Sale: W/DRAWN
Tells the story of Walter Spiel, a 62-year-old news vendor of American and foreign papers and magazines at a Los Angeles street corner stand. Depicts his customers choosing their purchases and gives biographical information about 'WILLY', who emigrated from Canada.

*** ONE MAN FLAIL TRENCHER**
15 min, 16mm film, optical sd, col 1966
Producer USDA *Agency No.* 3476
Title No 003983 *Sale* $67.00
A one man fireline trencher is airdropped to a fire crew and demonstrated by them. They assemble the trencher and apply it to fireline construction in a typical forest fire situation. Special emphasis is given to ways of making one or more trenchers speed the work of a line construction and holding crew.

ONE WEEK IN OCTOBER
29 min, 16mm film, optical sd, b&w 1961
Producer USOCD *Agency No* DODCD20-223
Title No 002631 *Sale* $50.25
Tells the story of the Cuban missile crisis. Narrated by Gary Merrill.
CLEARED FOR TV.

*** ONLY A BUNCH OF TOOLS**
28 min, 16mm film, optical sd, col 1949
Producer USDA *Agency No* 1053
Title No. 567750 *Sale* $126.00
Demonstrates in story from the use of small tools in fire fighting, and how training in the use of such tools saved a house and wood lot from destruction.

OPEN FRACTURES
24 min, 16mm film, optical sd, col 1959
Producer USVA
Title No 568060 *Sale* $81.50
Discusses in detail various methods of reducing fractures and emphasizes the importance of preventing infection and additional damage to soft tissues during fracture management. The importance of restoring blood loss, alleviating pain, and treating for shock is demonstrated.

OPEN REDUCTION AND FIXATION - FRACTURE OF MANDIBLE AT THE ANGLE - THE SUBMANDIBULAR...
16 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No.* D-89
Title No 002633 *Sale* $55.25
FULL TITLE--OPEN REDUCTION AND FIXATION, FRACTURE OF MANDIBLE AT THE ANGLE - THE SUBMANDIBULAR APPROACH. Shows the open reduction and fixation of a mandibular fracture at the angle by the submandibular approach is demonstrated.
*In Production-Request Price

OPEN SPACE
28 min, 16mm film, optical sd, col 1969
Producer USHUD
Title No 568146 *Sale* W/DRAWN
Illustrates the urgent need for acquiring open space in rapidly growing urban areas. Stresses the importance of correctly using present urban open spaces, and urges community groups to create new recreational areas in inner cities and suburbs.

OPEN WIRE TRANSPOSITION SYSTEMS
17 min, 16mm film, optical sd, b&w 1954
Producer USA *Agency No* TF11-1959
Title No 568160 *Sale* $30.50
Illustrates and explains the need for transpositions, how they improve communication, and the construction of various types of physical or single-point transpositions.

* INDICATES NEW ENTRY

* **OPEN-PIT MINING HAZARDS**
17 min, 16mm film, optical sd, col 1967
Producer USBM
Title No. 004145 *Sale* $68.00
Accidents involving dump trucks, power shovels, front-end loaders, rail haulage, and highwall blasting are staged to show what happens from workers' carelessness, when safety precautions are overlooked, or where unsafe machinery and mining methods are used. Explains why the accidents happened, and then emphatically stresses the correct and safe way of performing various mining jobs to prevent future accident occurrence.
PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15213. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

OPERATING EXPERIENCE - DRESDEN
10 min, 16mm film, optical sd, col 1964
Producer USAEC
Title No. 002635 *Sale* $36.50
Reports on the routine-day operation of the Dresden Nuclear Power Station, reviewing the success of the operating experience of the boiling water nuclearelectric-power Station in terms of dependability, safety, and ease of operation and maintenance.

OPERATING EXPERIENCE - HALLAM
10 min, 16mm film, optical sd, col 1964
Producer USAEC
Title No. 002636 *Sale* $32.22
Describes the operation of the 79-megawatt electric Hallam Nuclear Power Station which is powered by a 252-megawatt sodium-graphite reactor. Demonstrates Hallam's heat transfer cycle and plant-operation features, including fuel transfer and sodium handling.

OPERATING EXPERIENCE - INDIAN POINT
10 min, 16mm film, optical sd, col 1964
Producer USAEC
Title No. 002637 *Sale* $33.75
Surveys the design, construction, and operation of the Indian Point Power Station which serves metropolitan New York. Describes and explains some of the theoretical concepts and operating characteristics of the world's first station to use thorium as the fertile material. Includes core experiments, core design and models, as well as scenes of the operational plant facilities.

OPERATING EXPERIENCE - YANKEE
10 min, 16mm film, optical sd, col 1964
Producer USAEC
Title No. 002638 *Sale* $40.50
Examines the various plant features and performance data of the nuclear power station that is operated by the Yankee Atomic Electric Company.

OPERATING ROOM DEATHS
28 min, 16mm film, optical sd, b&w 1970
Producer USNMAC *Agency No.* T-1902
Title No. 002639 *Sale* $58.50
Discusses operating room deaths due to diagnostic or therapeutic procedures which have not been properly controlled, for example--perforation of the bowel with a barium enema, perforation of the trachea during an attempt to remove an obstruction, transfixation of the trachea during an attempt to remove an obstruction, and traumatic death due to explosion of anesthetic gases. (Kinescope)

OPERATION AFFIRMATIVE
14 min, 16mm film, optical sd, col 1970
Producer USN *Agency No.* MN10419B
Title No. 002640 *Sale* $58.25
The importance of the Ready Reserve is emphasized when a Naval Reserve destroyer crew is called to duty to track a Russian fishing trawler off the coast of Seattle, Washington.

* **OPERATION BREAKTHROUGH**
12 min, 16mm film, optical sd, col 1972
Producer USDHUD
Title No. 003516 *Sale* $50.50
Discusses the HUD program instituted in 1969 to 'breakthrough' the barriers that have prevented industrialized housing from emerging as a major industry in the U.S.

OPERATION CUE (REVISED)
14 min 16mm film, optical sd, col 1964
Producer USOCD *Agency No.* DODCD20-232
Title No. 002642 *Sale* $48.50
Points out the contrast between the Nevada Test in 1955 and present nuclear devices, then continues as a documentary report on the Operation Cue exercise of 1955.
CLEARED FOR TV.

OPERATION GREENHOUSE
25 min, 16mm film, optical sd, col 1952
Producer USAEC
Title No. 002643 *Sale* $150.50
Describes the scientific and technical operations of the Atomic Energy Commission during the nuclear weapons test at Eniwetok in the spring of 1951. Depicts blast and thermal effects of the explosions on different types of structures.

OPERATION HEAD START
28 min, 16mm film, optical sd, b&w 1966
Producer USHS
Title No. 568790 *Sale* $38.00
Presents a comprehensive study of the program. Includes a sampling of the activities necessary for a good Head Start program, including--guidance for the child's social, emotional and intellectual growth, as well as medical and dental care, and parent, teacher, and volunteer involvement. Shows scenes of poverty extant in urban and rural ghettos.

OPERATION IVY
28 min, 16mm film, optical sd, col 1954
Producer USAEC
Title No. 002644 *Sale* $155.00
Documents the 'MIKE' thermonuclear test at the USAEC Pacific Proving Grounds in 1952. It includes introduction remarks by former President Dwight D. Eisenhower.

OPERATION LONG SHOT
13 min, 16mm film, optical sd, col 1966
Producer USAEC
Title No. 004368 *Sale* $58.50
Reports on an underground nuclear test in the fall of 1965 in the Aleutian Islands which was part of the Vela uniform series of experiments to increase U.S. capability to detect, identify, and locate underground nuclear detonations at intercontinental ranges. Follows the step involved in Operation Long Shot to investigate the possible travel-time anomalies associated with siesmic events occurring in island-arc structures.

OPERATION NOAH
29 min, 16mm film, optical sd, b&w 1955
Producer USA *Agency No.* MF45-8615
Title No. 002645 *Sale* $50.25
Describes the work of the U.S. Armed Services, particularly the Army Engineers, in the rehabilitation of the regions in Northeastern United States hit by flash floods in the summer of 1955.

OPERATION OF JET AIRCRAFT ENGINES
18 min, 16mm film, optical sd, b&w 1949
Producer USN *Agency No.* MN05396A
Title No. 002646 *Sale* $32.00
Illustrates principles of jet propulsion by Newton's law of action and shows it application to jet engines. Shows operating principles of the reciprocating engine to produce horsepower and thrust power, and demonstrates the application of jet propulsion in rockets and aircrafts.

* INDICATES NEW ENTRY

OPERATION OF THE GM UNIT INJECTORS
4 min, 16mm film, optical sd, b&w 1958
Producer USA *Agency No* TF55-2560
Title No 002647 *Sale* $9.50
Shows construction, function and operation of unit, including--functions, location and operations of components, flow of fuel through unit to engine, and importance of proper maintenance.

● **OPERATION RESPONSIBLE - SAFE REFUSE COLLECTION - INSTRUCTOR'S COURSE**
24 2x2 slides, silent, col 1972
Producer USEPA
Title No 002147 *Sale* $10.00
Presents a one day session to train supervisors who are directly in charge of refuse collection operations. Slides are accompanied by 30 page instructor's manual.

● **OPERATION RESPONSIBLE - SAFE REFUSE COLLECTION - TRAINING COURSE**
241 2x2 slides, silent, col 1972
Producer USEPA
Title No 002148 *Sale* $20.00
Provides the supervisor instructional materials to train his staff in the safe methods of refuse collection. Slides are accompanied by 144 page training manual.

● **OPERATION RESPONSIBLE - SAFE REFUSE COLLECTION**
20 min, 16mm film, optical sd, col 1972
Producer USEPA
Title No 002146 *Rental* $10.00 Sale $75.00
A safety training program, tailor-made for the solid waste collection industry, both public and private. Actually two training programs. The first is a oneday session to train supervisors who are directly in charge of refuse collection operations. In the second program, the supervisor, equipped with the needed materials, returns to his organization and trains the men who collect solid waste.

OPERATION SANDSTONE
18 min, 16mm film, optical sd, col 1950
Producer USAEC
Title No 004369 *Sale* W/DRAWN
Describes the preparation for the test detonations of Atomic Bombs at Eniwetok in the spring of 1948, and pictures the three detonations.

OPERATIONS WITH WHOLE NUMBERS
22 min, 16mm film, optical sd, col 1970
Producer USOE
Title No 569306 *Sale* $94.00
Explores procedures for interrelating addition and subtraction. Shows materials, methods and strategies which are particularly effective. Attention is focused on the use of multiple techniques for improving instruction in multiplication. Emphasizes algorithms which have been found to be particularly effective. Stresses the use of materials.
From the *PROJECT ON INTERPRETING MATHEMATICS EDUCATION Research Series.*

OPERATIVE DENTISTRY - ADVANCED CONCEPTS- A SERIES
22 min, 16mm film, optical sd, col 1967
Producer USVA
Title No 002726 *Sale* $102.25
Depicts details of operative dentistry and emphasizes the application of operative dentistry as a rewarding experience. Edited into several single concept films by the Dental Training Center of the Veterans Administration from an original Navy production.

CLASS III RESTORATIONS

CUSP GOLD INLAY

GINGIVAL RETRACTION CLASS V

PIN LEDGE CASTINGS

PORCELAIN INLAY TECHNIQUE

OPERATOR AND HIS JOB, THE
12 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 491
Title No 569320 *Rental* $7.50 Sale $22.25
Illustrates responsibilities of the bus operator toward his passengers, including--safety and comfort, maintenance of schedules, and courtesy.
From the *AUTOMOTIVE* series. Bus Operation, No. 1

OPERATOR AND HIS PASSENGERS, THE
18 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 492
Title No 569325 *Sale* $37.50
Stresses the importance of good customer relations and presents ways of handling problems such as expired transfers, people who miss their stops, and getting passengers to move to the rear of a bus.
From the *AUTOMOTIVE* series. Bus Operation, No. 2

OPERATOR AND SAFETY, THE
19 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 493
Title No 569330 *Rental* $7.50 Sale $33.75
Explains the importance of safety in bus operation. Tells how to operate safely in passing cars, at intersections, at bus stop zones, and under special weather conditions.
From the *AUTOMOTIVE* series. Bus Operation, No. 3

● **OPPORTUNITIES IN HOTELS AND MOTELS**
11 min, 16mm film, optical sd, col 1968
Producer USDL
Title No 002149 *Rental* $7.50 Sale $43.00
Covers a variety of behind-the-scenes jobs with futures in the hotel and motel service industry. Entry-level jobs and promotion possibilities are detailed on a tour through laundry, housekeeping, and engineering departments. Describes year-round jobs from the front desk, through the kitchen, and into the banquet and cocktail lounge.
From the *CAREER JOB OPPORTUNITY FILM* series.

● **OPPORTUNITY UNLIMITED - FRIENDLY ATOMS IN INDUSTRY**
29 min, 16mm film, optical sd, col 1962
Producer USAEC
Title No 002727 *Sale* $95.50
Surveys the widespread industrial uses of radioisotopes. Combines animation and live action to explain what radioisotopes are and how they are used to gauge thickness of nylon cord-rubber ply for automobile tires, sheet plastic, and cors-rolled alloy sheets for computers and space-age instruments, as well as to measure fat content, sugar content in applesauce, and moisture content in soil. Investigates industrial radiography with radioisotopes. Explains the use of radioisotope tracers for engine-wear studies, product movement in oil pipelines, and leak detection in pipelines.

ORAL ADMINISTRATION OF MEDICATIONS
14 min, 16mm film, optical sd, b&w 1959
Producer USN *Agency No* MNO8576J
Title No 002728 *Sale* $25.50
Presents the duties of hospital corpsmen in administering medications by mouth to patients in wards of naval hospitals. Demonstrates in detail the preparation of medication and treatment cards in accordance with the orders of medical officers.

ORAL CANCER - DETECTION AND DIAGNOSIS
94 2x2 slides, silent, col 1967
Producer USCDC *Agency No* S-1414
Title No 002729 *Sale* $16.00
Explains techniques used to detect oral cancer. Illustrates normal and abnormal oral and perioral soft tissue and shows biopsy techniques. Accompanied by programmed text.

ORAL CANCER - EXTRA ORAL EXAMINATION
6 min, 16mm film, optical sd, col
Producer USVA *Agency No* D-11D
Title No 002730 *Sale* W/DRAWN
The palpation of the lymphatics of the neck is an important part of every examination to detect oral cancer. This film

● INDICATES NEW ENTRY

describes the location of the lymph nodes and demonstrates a methodical procedure for palpating this area.

ORAL CANCER - INTRA-ORAL EXAMINATION
6 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No.* D-12-D
Title No. 002731 *Sale* $20.50
Demonstrates a methodical procedure for examination of the intra-oral soft tissues. It also presents six cases of early cancer in this area and discusses their clinical signs.

ORAL CONTRACEPTIVES, THE
29 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No.* T-1780
Title No. 002732 *Sale* $60.50
Dr Garcia defends the use of oral contraceptives, stressing the superior efficiency of this method. Dr Lasagna feels that there are other methods which are clinically more advisable. He stresses the now-emerging adverse consequences of contraceptive drugs. (Kinescope)
From the *CONCEPTS AND CONTROVERSIES IN MODERN MEDICINE Series.*

***ORAL EXFOLIATIVE CYTOLOGY**
17 min, 16mm film, optical sd, col 1963
Producer USVA *Agency No.* D-123
Title No. 569560 *Sale* $60.25
Describes how oral exfoliative cytology can disclose early and unsuspected cancer of the mouth. Shows several clinical examples of unsuspected mouth cancers and the technique for obtaining a cytology specimen. Presents variations of microscopic appearance of normal cells and cancerous cells.

ORAL HYGIENE
17 min, 16mm film, optical sd, col 1960
Producer USN *Agency No.* MN08952
Title No. 002733 *Sale* $70.25
Shows how to brush the teeth. Gives care of brushes, tips on eating habits and effects of good care and neglect.

ORAL HYGIENE - SWAB YOUR CHOPPERS
7 min, 16mm film, optical sd, col 1948
Producer USN *Agency No.* MN06602
Title No. 002734 *Sale* $32.00
Describes current methods of cleaning.

ORAL HYGIENE - TECHNIQUES FOR MAINTENANCE OF DENTAL HEALTH OF THE PHYSICALLY HANDICAPPED...
64 fr, 35mm filmstrip, 1/4 in. audiotape, col 1969
Producer USNMAC *Agency No.* F-2003-X
Title No. 002735 *Sale* $10.00
FULL TITLE - ORAL HYGIENE - TECHNIQUES FOR MAINTENANCE OF DENTAL HEALTH OF THE PHYSICALLY HANDICAPPED, MENTALLY RETARDED RESIDENT. Explains the reasons why metnally retarded, physically handicapped residents. develop poor mouth conditions. Shows what rolls the ward personnel and the dentist play in promoting and maintaining health in the residents mouth. Shows the quadrants and surfaces of the mouth, and step-by-step procedures for brushing these areas.

***ORAL HYGIENE - TOOTHBRUSH TECHNIQUE**
30 fr, 35mm filmstrip, 1/4 in. audiotape, col 1949
Producer USNMAC *Agency No.* 5-135
Title No. 002151 *Sale* $10.00
Discusses the importance of oral hygiene and professional oral prophylaxis. Demonstrates methods of home care of the teeth.

ORAL HYGIENE FOR THE TOTAL-CARE PATIENT
14 min, 16mm film, optical sd, col 1970
Producer USVA *Agency No.* D-115
Title No. 569588 *Sale* $54.00
Points out how oral hygiene is a problem for the hospitalized patient who is physically or mentally unable to care for himself. Shows value of ingestible tooth paste, completely stable stannous fluoride jel, and electric tooth brush in the oral hygiene care of these patients.

ORBITING SOLAR OBSERVATORY
25 min, 16mm m, optical sd, col 1962
Producer USNASA *Agency No.* HQA 095
Title No. 002736 *Sale* $107.75
Describes the Orbiting Solar Observatory spacecraft which is designed to gather information concerning the Sun's effect on the Earth.

***ORCHIDS**
11 min, 16mm film, optical sd, col 1942
Producer USCIAA
Title No. 568695 *Sale:* W/DRAWN
Shows the many varieties of orchids and other flowers of Latin America photographed in their natural color and setting.

***ORDINARY WORK**
19 min, 16mm film, optical sd, col 1972
Producer USSRS
Title No. 001489 *Sale* $78.00
Shows the successful rehabilitation of mentally retarded subjects in the field of agricultural work. Emphasizes on the comprehensive pre-work training program for the mentally retarded. Shows the detailed use of sports activity in teaching coordination, self-confidence, learning to work in a group and independence.
From the *AUDIOVISUAL RESEARCH BRIEF* series.

ORGANIC MODERATED REACTOR EXPERIMENT
16 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No. 002737 *Sale* $78.50
Presents a pictorial summary of the fabrication and operation of the OMRE facility at the USAEC's National Reactor Testing Station, idaho, being conducted by Atomics International to investigate the use of organic materials as a reactor coolant for transferring heat and for moderating neutrons.

ORGANIZATION AND MECHANICS OF WRITING
35 min, 16mm film, optical sd, b&w 1959
Producer USAF *Agency No.* TF01-5225
Title No. 570400 *Sale* $60.25
Explains the techniques used to develop good paragraphs and ideas. Shows how to arrange words in proper order, how to punctuate, and how to organize a paper.

ORGANIZED MOSQUITO CONTROL
16 min, 16mm film, optical sd, col 1955
Producer USNMAC *Agency No.* M-0191
Title No. 002738 *Sale* $55.00
Shows a sampling to determine the species of mosquitoes present, their relative abundance, and types of breeding places. Demonstrates dipping for larvae to determine major problem areas - breeding sites as determinants of flight ranges - three common methods of mosquito abatement, and five major problem areas.

ORGANIZING FREE PLAY
20 min, 16mm film, optical sd, b&w 1967
Producer USOEO
Title No. 570590 *Sale* $29.00
Shows how to organize a Head Start program based on the concept of free play. Uses actual situations to describe the curriculum, the organization of equipment, and essential techniques to be used in teaching the disadvantaged preschooler.

ORGANOPHOSPHATE PESTICIDE POISONINGS DIAGNOSIS AND TREATMENT
20 min, 16mm film, optical sd, col 1969
Producer USNMAC *Agency No.* M-1747
Title No. 002739 *Sale* $82.00
Shows that a correct diagnosis of organophospate poisoning and proper treatment can save lives. Based on actual cases.

***ORIENTATION AND INDOCTRINATION OF SAFE WORKMEN**
27 min, 16mm film, optical sd, col 1966
Producer USBM
Title No. 003548 *Sale* $111.50
Follows a group of new employees through pre-employment testing, hiring, and actual working situations. Highlights the

job safety and the value of accident prevention training for all employees.

PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

ORIENTATION TO THE USE OF CRUTCHES
6 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No.* M-0918
Title No. 002740 *Sale* $19.50
Shows the fitting of underarm crutches, the tripod principle and crutch walking. It shows the disadvantages of crutches too short, or crutches too long. It shows how to use crutches in going up and down stairs, with or without the use of railing.

***ORIENTATION, THE TRUE FADE SYSTEM**
8 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No.* MN 1059AA
Title No. 570780 *Rental* $5.00
Demonstrates how to accomplish the 'true fade' method of radio range orientation, explains where and when it is most practical, and shows how the following features affect the method - square sector, closed sector, open sector, wind, terrain, and

ORIGIN AND HISTORY OF PROGRAM BUDGETING, THE
25 min, 16mm film, optical sd, b&w
Producer USCSC
Title No. 002741 *Sale* $52.50
Traces the history of planning - programing - budgeting (PPB) and describes the fundamentals of the system. Corporation. (Kinescope)

ORIGIN AND SYNTHESIS OF PLASTICS MATERIALS
16 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 466
Title No. 570850 *Rental* $7.50 Sale $28.50
Explores the organic origin of plastics and the resemblance of synthetic compounds to natural substances. Shows how plastics are made and typical uses for them.
From the *PLASTICS* series. No. 1

ORIGINS OF THE MOTION PICTURE
21 min, 16mm film, optical sd, b&w 1955
Producer USN *Agency No.* MN08103
Title No. 571225 *Sale* $37.00
Records the development of the machinery and arts of the motion picture, from the earliest suggestions of Leonardo Da Vinci to the perfected sound motion picture of Thomas Edison. Shows the thaumatrope, zoetrope, phenakistoscope, proxinoscope, and the work of Plateau, Daguerre, Muybridge, Marey, Edison, Armata, Dickson, and others. Includes scenes made as early as 1880 and some early naval historical pictures of the great white fleet, the submarine 'Holland' and 19th century Marines.

OSCILLATORS
13 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No.* MN 1540-I
Title No. 571700 *Rental* $7.50 Sale $23.75
Explains the basic principles of electronic oscillation.

OSSEOUS SURGERY IN THE MAXILLA - SUTURING TECHNIQUES, PT 2
11 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No.* D-24-PE
Title No. 002334 *Sale* $36.75
The suturing technique was selected after the periodontal osseous surgery had been completed. It is one which permits suturing of the buccal flap, independently of the lingual or palatal flap. It is performed with a continuous suture and assures close adaptation of the tissue to the teeth and bone.

OSSEOUS SURGERY IN THE MAXILLA, PT 1
18 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No.* D-29-PE
Title No. 002742 *Sale* $61.00
Demonstrates the surgical elimination of supra and infra periodontal bony defects in the maxilla. The osseous contouring to establish physiologic architecture of the soft tissues is shown in detail.

OTHER PASSENGER, THE
28 min, 16mm film, optical sd, col 1965
Producer USFAA *Agency No.* FA-0601
Title No. 572290 *Sale* $96.25
Surveys measures taken to insure safety in air travel. Shows a Federal Aviation Agency Flight Inspector who inspects a Braniff flight from Dulles to Mexico City. Features in-the-cockpit scenes as well as emergency procedures practices by all pilots.
CLEARED FOR TV.

OTHER SIDE OF THE RIVER, THE
28 min, 16mm film, optical sd, col 1965
Producer USAE
Title No. 002743 *Sale* $160.00
Tells the story of 1965 upper Mississippi River Flood, its destruction, aftermath, and ways to help alleviate future flood damage.

OTHER VIETNAM, THE
29 min, 16mm film, optical sd, col
Producer USAID
Title No. 572370 *Sale* $83.00
Shows Vietnamese engaged in their own self-improvement, as well as American civilian specialists who work beside and among them in applying new farming techniques, developing industry, raising the educational level, and improving health and nutrition.

***OUR LAND - ITS MANY FACES**
14 min, 16mm film, optical sd, col 1962
Producer USDA *Agency No.* 1573
Title No. 001834 *Sale* $66.00
Since the days of Thomas Jefferson, far-thinking Americans have recognized the increasing importance of conservation methods. Through advances of science and technology, we have been able to preserve the wonders of our land, despite man's past negligence. We have learned to cherish its resources.

***OUR MAGIC LAND**
17 min, 16mm film, optical sd, col 1961
Producer USSCS *Agency No.* 1351
Title No. 574870 *Sale* $76.00
Introduces a magician performing in a carnival setting to point up the magic of man and nature working together to maintain and improve land through conservation.

OUR NEAREST STAR
12 min, 16mm film, optical sd, col 1961
Producer USAEC
Title No. 002744 *Sale* $48.50
Explains that an isotopic-power system has been placed in orbit aboard the Transit Four-A navigation satellite, the first application of nuclear power in space. Follows the development testing of the radioisotope fuel capsule and the thermoelectric generator that make up this SNAP system.

OUR TOWN IS OUR CLASSROOM
22 min, 16mm film, optical sd, b&w 1952
Producer USA
Title No. 002745 *Rental* $7.50 Sale $46.25
Shows students learning about local government by sitting in on the town's council meetings, listening to court sessions and attending meetings of citizens and public officials.

***OUT FROM THE CROWD**
15 min, 16mm film, optical sd, col 1971
Producer USN *Agency No.* MH-11081
Title No. 002153 *Sale* $60.00
Describes the training of the Woman Marine and the varying

assignments offered throughout the Corps for women college students.

OUT OF HUNGARY TO FREEDOM
19 min, 16mm film, optical sd, b&w 1957
Producer USIA
Title No. 004605 *Rental* W/DRAWN Sale W/DRAWN
Reviews exodus of Hungarian refugees during the winter of 1956-57, including their temporary stay in Austria, departure for their new homes, and welcoming ceremonies in many different countries. Includes scenes of the visit of Vice-president Nixon To refugee camps in Austria. Depicts Hungarians in the U S adjusting to their new lives.

***OUT OF THE WOODS**
16 min, 16mm film, optical sd, col 1955
Producer USDA *Agency No.* 1263
Title No. 003984 *Sale* $76.00
Points up typical farm forestry problems and how one hard-pressed farmer solved them profitably, with the aid of the local service forester. It also deals with improvement of a small sawmill for greater economy and efficiency.

***OUTBREAK**
30 min, 16mm film, optical sd, col 1949
Producer USDA *Agency No.* 1028
Title No. 577442 *Sale* $133.00
Traces the history of foot-and-mouth disease, shows co-operative measures used by Mexico and the United States in combatting the outbreak of 1949.

OUTBREAK OF SALMONELLA INFECTION, AN
14 min, 16mm film, optical sd, col 1954
Producer USNMAC *Agency No.* M-0148A
Title No. 577470 *Sale* $48.50
Presents a simulated typical outbreak of food-borne illness caused by organisms of the Salmonella group. Discusses source and means of contamination, factors contributing to the survival and transfer of the organism, important conditions of environment and general food handling practices, and effects of the outbreak.

OUTBREAK OF SALMONELLA INFECTION, AN (SPANISH)
14 min, 16mm film, optical sd, col 1954
Producer USNMAC *Agency No.* M-0148A
Title No. 002746 *Sale* $48.50
Presents a simulated typical outbreak of food-borne illness caused by organisms of the Salmonella group. Discusses source and means of contamination, factors contributing to the survival and transfer of the organism, important conditions of environment and general food handling practices, and effects of the outbreak.

OUTBREAK OF STAPHYLOCOCCUS INTOXICATION, AN
12 min, 16mm film, optical sd, col 1954
Producer USNMAC *Agency No.* M-0148B
Title No. 577455 *Sale* $43.75
Presents a case by typical outbreak of food-borne illness caused by staphylococcus organisms, including symptoms of the victims, tracing the source of the organisms as staphylococcus aureus in pastry filling, and the reasons for the incidence of the organisms in the food.

OUTBREAK OF STAPHYLOCOCCUS INTOXICATION, AN (SPANISH)
12 min, 16mm film, optical sd, col 1954
Producer USNMAC *Agency No.* M-0148B-SP
Title No. 002748 *Sale* $43.75
Presents a case study of a typical outbreak of food-borne illness caused by staphylococcus organisms, including symptoms of the victims, tracing the source of the organisms as staphylococcus aureus in pastry filling, and the reasons for the incidence of the organisms in the food.

OVERHAULING CAMSHAFT ASSEMBLY AND CRANKCASE SECTION
19 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 270
Title No. 578150 *Sale* $39.25
Explains how to inspect the camshaft and gear case cover assembly, inspect and recondition the crankcase section, measure crankcase bearings and inspect and recondition the remaining parts.
From the *AIRCRAFT WORK* series. Power Plant Maintenance.

OVERHAULING CRANKSHAFT ASSEMBLY
19 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 269
Title No. 578200 *Sale* $39.25
Explains how to clean the parts of a disassembled engine, inspect and recondition crankshaft assembly parts, determine clearances and check for out-of-round and inspect clearances against specifications.
From the *AIRCRAFT WORK* series. Power Plant Maintenance.

OVERHAULING THE CARBURETOR
23 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 267
Title No. 578250 *Sale* $40.50
Shows how to remove the carburetor assembly from the engine, disassemble, clean, inspect and reassemble the carburetor, check the fuel level and reinstall the carburetor assembly.
From the *AIRCRAFT WORK* series. Power Plant Maintenance.

OVERTAKING AT NIGHT
15 min, 16mm film, optical sd, col 1943
Producer USN *Agency No.* MN00202Q
Title No. 002749 *Sale* $51.75
Illustrates the correct use of whistle signals in overtaking situations on the ocean and in inland waters.

OVERTAKING SITUATION
15 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN00202N
Title No. 002750 *Sale* $27.00
Gives whistle signals to be used when overtaking on the ocean, in inland waters, and in narrow channels.

OWL WHO GAVE A HOOT, THE
14 min, 16mm film, optical sd, col 1967
Producer USOEO
Title No. 578575 *Sale* $42.00
An animated cartoon film that tells it like it is-exploitation, connivance, fraud, in the consumer world of the ghetto, and what to do about it.

OWL WHO GAVE A HOOT, THE (SPANISH)
14 min, 16mm film, optical sd, col 1967
Producer USOEO
Title No. 003084 *Sale* $42.00

OX CELL HEMOLYSIN TEST FOR DIAGNOSIS OF INFECTIOUS MONONUCLEOSIS
10 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No.* M 0770
Title No. 002751 *Sale* $32.50
A rapid and specific test, based on the presence of a hemolysis in the sera of I. M. patients that will cause lysis of ox cells in the presence of complements.

OXIDASE TEST, THE
5 min, 16mm film, optical sd, col
Producer USNMAC *Agency No.* M-1755
Title No. 002752 *Sale* $21.75
Demonstrates a rapid method of differentiating oxidase positive from oxidase negative organisms. Includes the sensitive 'kovac modification.'

OXY-ACETYLENE WELDING - LIGHT METAL
21 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 190
Title No. 579100 *Rental* $7.50 Sale $37.00
Shows how to assemble a gas welding outfit, adjust gas pressures, adjust the flame, and make a butt weld and a 'T' weld in light tubing.
From the *WELDING PROCEDURES* series. Oxyacetylene Welding, No. 1

* INDICATES NEW ENTRY

***OXYGEN - IN-FLIGHT REQUIREMENTS**
24 min, 16mm film, optical sd, col 1956
Producer USAF *Agency No.* TF1-5038A
Title No. 002923 *Rental* $12.50
Describes the effects of oxygen on the pilot and crew at various altitudes. Explains dangers of hypoxia and 'bends' and shows decompression chamber tests.

OXYGEN, NITROGEN GENERATING PLANT DISTILLATION COLUMN CONTROL
24 min, 16mm film, optical sd, col 1960
Producer USAF *Agency No.* TF01-5334
Title No. 002924 *Sale* $81.50
Shows the progressive flow and treatment of atmospheric air through a typical oxygen or nitrogen.

***PACKAGING FOOD FOR YOU**
17 min, 16mm film, optical sd, col 1966
Producer USDA *Agency No.* 3255
Title No. 003985 *Sale* $80.00
By improved packaging of foods, made possible through research by the U.S.D.A. and private industry, we gain in economy, quality and freshness, and in convenience. Shows that today's packaging of meats and poultry, fruits and vegetables is seldom seen by the shopper--it's done behind the scenes, at the point of production, in the field, at the processing plant, at the wholesale warehouse, and at the retail store.

PALATAL FLAP IN PERIODONTICS, THE
13 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No.* D-44-PE
Title No. 006440 *Sale* $46.25
The surgical management of osseous deformities involving the palatal and proximal periodontal areas is demonstrated. A palatal flap is created using an internal beveled incision. This perserves the remaining attached gingiva and still permits access to the underlying alveolur process.

***PAMELA'S TREE**
14 min, 16mm film, optical sd, col 1965
Producer USDA *Agency No.* 4308
Title No. 003986 *Sale* $66.00
Pamela, daughter of a tree farmer, suddenly finds her favorite tree--the one with her swing--has become infested with bark beetles. Prompt effort saves her tree - however, thousands of acres of other southern forest trees are destroyed each year by insects. Tells what help both large and small timber owners can obtain from their state forester to save their trees.

***PAN AMERICAN HEALTH ORGANIZATION AND THE WORLD HEALTH ORGANIZATION, THE**
49 fr, 35mm filmstrip, silent, col 1969
Producer USNMAC *Agency No.* F-1736
Title No. 002154 *Sale* $5.50
Explains the responsibilities and activities of the Pan American Health Organization. Defines its relationship to the World Health Organization, the United Nations, the Organization of American States, and other international organizations. Outlines its programs and goals and describes its activities in the fields of public Health education, environmental sanitation, water supply, waste disposal.

***PAN AMERICAN HEALTH ORGANIZATION AND THE WORLD HEALTH ORGANIZATION, THE (SPANISH)**
49 fr, 35mm filmstrip, silent, col 1969
Producer USNMAC
Title No. 002155 *Sale* $5.50
Explains the responsibilities and activities of the Pan American Health Organization. Defines its relationship to the World Health Organization, the United Nations, the Organization of American States, and other international organizations. Outlines its programs and goals and describes its activities in the fields of public Health education, environmental sanitation, water supply, waste disposal.

PANAMA
19 min, 16mm film, optical sd, b&w 1955
Producer USDOD *Agency No.* AFIF 0060
Title No. 582150 *Sale* $33.75
Explains the historical background and current social, economic, and military status of Panama. Illustrates Panama's significance to and function and welfare of the United States Armed Forces stationed in the Canal Zone.

PANCHO
25 min, 16mm film, optical sd, col 1967
Producer USOEO
Title No. 006424 *Sale* $76.00
Surveys features of the Head Start program. Follows the development of a young boy of Mexican descent, showing his miraculous physical and mental change from cretin to normal child through the aid of the Head Start program.

PANDORA'S EASY OPEN POP-TOP BOX
16 min, 16mm film, optical sd, col
Producer USNMAC *Agency No.* M-1640-X
Title No. 582575 *Sale* $55.00
Asks if the onrush of urbanization opening a Pandora's Box upon our land and its people. This film was designed to speak for itself, by contrasting the sound and fury of the city with the serene unspoiled countryside.

PANOGRAPHIC DIAGNOSTIC PATHOLOGY RADIOLUCENCIES, PT 1
11 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No.* D-38-R
Title No. 002755 *Sale* $36.75
Illustrates the radiographic findings in a number of well-documented cases. Shows that few are radiographically diagnostic. The majority present features which are exhibited by a number of pathologic entities. Points out the importance of recognizing the abnormal, providing differential diagnosis, and establishing a definitive diagnosis with every means available. Etiology and treatment are discussed. This is the first in a series of two films on this subject.

PANOGRAPHIC DIAGNOSTIC PATHOLOGY RADIOLUCENCIES, PT 2
19 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No.* D-39-R
Title No. 002756 *Sale* $30.25
Abnormal radiolucencies appearing in a series of panographic radiographs are presented. Etiology and treatment are discussed. This is the second in a series of two films on this subject.

PANOGRAPHIC DIAGNOSTIC PATHOLOGY RADIOPACITIES
9 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No.* D-40-R
Title No. 002757 *Sale* $30.25
Illustrates the radiographic findings in a number of well-documented cases. Few are radiographically diagnostic. The majority present festures which are exhibited by a number of pathologic entities. Points out the importance of recognizing the abnormal, providing differential diagnosis, and establishing a definite diagnosis with every means available.

PANORAMIC RADIOGRAPHY - OPERATING PROCEDURE FOR PANOREX
14 min, 16mm film, optical sd, col 1967
Producer USVA *Agency No.* D-010
Title No. 002758 *Sale* $46.25
Shows function of each component part of the Panorex machine--its complete cycle of operation, the method of skull measurement for obtaining optimum exposure factors, the results of incorrect technique, and the most common technical errors and their correction.

PARALLEL RC, RL, AND RCL CIRCUITS (TRIGONOMETRIC SOLUTIONS)
39 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-224
Title No. 002761 *Sale* $80.25
Shows how circuit values are computed by trigonometric

functions. First the phase angle is determined from a trigonometric table and the values of known current through the parallel circuit. Next theta is computed and from this the total current is found. The power factor is pointed out as the same value as the cosine of theta. Then the procedure of solving for total impedance by Ohm's law is presented. After solving for phase angle, total current, total impedance and power factor in an RC parallel circuit, RL and RCL circuits are considered. (Kinescope)

PARALLEL RC, RL, AND RCL CIRCUITS (GRAPHIC SOLUTIONS)
32 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-222
Title No. 002759 *Sale* $66.50
Using Ohm's law and vectors, shows how to solve for branch current, total current, total impedance and phase angle in parallel RC, RL and RCL circuits. (Kinescope)

PARALLEL RESISTIVE CIRCUITS
33 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-126A
Title No. 002760 *Sale* $68.25
Explains and shows the requirements for a parallel circuit. Then points out the relationship of the voltage across each parallel branch and explains how to measure and compute the voltage across each branch, as well as the total voltage. Next, gives the rule for computing current in a parallel circuit and demonstrates how to measure current in a parallel circuit. Shows the formula for computing resistance in a parallel circuit and how to measure the resistance. (Kinescope)

PARALLEL RESISTIVE CIRCUITS - CIRCUIT ANALYSIS
22 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK30-126B
Title No. 002762 *Sale* $46.25
Defines the principles of Ohm's and Kirchoff's laws as they apply to solving the problems related to branch currents, resistances, and applied voltage. Actual problems are used as a means of proving the principles of parallel circuitry. (Kinescope)
OTHER FORMAT(S) or VERSION(S)
33 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-126C
Title No. 002763 *Sale* $68.25

PARALLEL RESISTIVE CIRCUITS - DC POWER
14 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-128
Title No. 002764 *Sale* $30.75
Using a simple circuit, demonstrates the distribution of power in a parallel circuit. By use of appropriate formulas, methods of determining the power dissipated in the individual branches and total power are discussed. (Kinescope)

PARALLEL RESISTIVE CIRCUITS - TROUBLESHOOTING
21 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-129
Title No. 002765 *Sale* $44.50
Discusses symptoms produced by open and shorted parallel resistors. Shows how an ammeter and voltmeter are used to detect such troubles. (Kinescope)

PARALLEL RESONANT CIRCUITS
24 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-229B
Title No. 002766 *Sale* $50.75
Shows how to compare the impedance curves of parallel and series RCL circuits, and then compare the current curves. Shows how the line current of a parallel resonant circuit is compared to that of a series resonant circuit. Then, illustrates how to solve for 'q' and how to determine the bandwidth and bandpass of a parallel resonant circuit. (Kinescope)
OTHER FORMAT(S) or VERSION(S)
29 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-229A
Title No. 002767 *Sale* $60.50

PARAPLEGIC AMBULATION - INITIAL PARALLEL BAR EXERCISES
8 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1405
Title No. 002768 *Sale* $27.75
The ambulation of the paraplegic patient wearing bilateral long leg braces with pelvic band is precedured by exercises in the parallel bars to develop initial balance during stance and trunk movements, and initial weight shifting with accompanying anterior pelvic tilt and head position.

PARAPLEGIC PATIENT EDUCATION - ACTIVITIES IN YOUR NEW LIFE
7 min, 16mm film, optical sd, col 1970
Producer USNMAC *Agency No.* M-1757-X
Title No. 002769 *Sale* $29.50
Looks at some of the problems of adjusting to a new life following a crippling disease or accident. Suggests ways to solve these problems, build self-confidence, and achieve physical and financial independence.

PARAPLEGIC PATIENT EDUCATION - AN ACTIVE FUTURE
5 min, 16mm film, optical sd, col 1970
Producer USNMAC *Agency No.* M-1764-X
Title No. 002770 *Sale* $21.75
Stresses the importance of setting realistic goals during the rehabilitation program in order to achieve success later. Emphasizes the necessity of maintaining good health, activity, and interest.

PARAPLEGIC PATIENT EDUCATION - JOINT MOTION
5 min, 16mm film, optical sd, col 1970
Producer USNMAC *Agency No.* M-1758-X
Title No. 002771 *Sale* $21.75
Explains methods for maintaining joint motion, including range of motion exercises, positioning, and activity.

PARAPLEGIC PATIENT EDUCATION - MOVING IN AND OUT OF YOUR WHEELCHAIR
5 min, 16mm film, optical sd, col 1970
Producer USNMAC *Agency No.* M-1759-X
Title No. 002772 *Sale* $21.75
Explains the steps involved in the independent transfer to and from a wheelchair.

PARAPLEGIC PATIENT EDUCATION - PLANNING YOUR BOWEL PROGRAM
6 min, 16mm film, optical sd, col 1970
Producer USNMAC *Agency No.* M-1763-X
Title No. 002773 *Sale* $25.50
Stresses the importance of a well-planned bowel program based on scheduling, diet, and stimulation.

PARAPLEGIC PATIENT EDUCATION - PREVENTION OF SKIN PROBLEMS
8 min, 16mm film, optical sd, col 1970
Producer USNMAC *Agency No.* M-1761-X
Title No. 002774 *Sale* $33.50
Cites causes of Decubitus ulcers resulting from pressure sores. Warns of dangers involved and outlines a simple deterring program.

PARAPLEGIC PATIENT EDUCATION - PREVENTION OF BLADDER PROBLEMS
8 min, 16mm film, optical sd, col 1970
Producer USNMAC *Agency No.* M-1762-X
Title No. 002775 *Sale* $33.50
Explains bladder dysfunction related to spinal cord injury. Stresses the importance of catheter irrigation, good drainage, and fluid intake in the prevention of calcium deposits in the bladder or kidneys.

PARAPLEGIC PATIENT EDUCATION - THE EFFECTS OF SPINAL CORD INJURY
8 min, 16mm film, optical sd, col 1970
Producer USNMAC *Agency No.* M-1756-X
Title No. 002776 *Sale* $33.50
Cites causes of spinal injuries, discusses the effect these injuries may have on the individual, and points out how best to become as independent as possible.

PARAPLEGIC PATIENT EDUCATION - WALKING WITH BRACES AND CRUTCHES
5 min, 16mm film, optical sd, col 1970
Producer USNMAC *Agency No.* M-1760-X
Title No. 002777 *Sale* $21.75
Stresses physical limitations, need for preparation for ambulation training, balance drills, and mobility exercises. Emphasizes that results depend on continued practice.

PARAPLEGIC PATIENT, THE - IN AND OUT OF CAR - PATIENT USING CRUTCHES
5 min, 16mm film, optical sd, col 1970
Producer USNMAC *Agency No.* M-1785
Title No. 002778 *Sale* $21.75
Demonstrates the use of crutches and braces in moving in and out of a car.

PARAPLEGIC PATIENT, THE - PUTTING ON A FULL BODY BRACE IN A WHEELCHAIR
11 min, 16mm film, optical sd, col
Producer USNMAC *Agency No.* M-1553
Title No. 002779 *Sale* $35.75
Depicts the most effective method for the paraplegic patient to out on a full body brace in a wheelchair.

PARAPLEGIC PATIENT, THE - TAKING OFF A FULL BODY BRACE IN BED
8 min, 16mm film, optical sd, col 1968
Producer USNMAC *Agency No.* M-1551
Title No. 002780 *Sale* $27.75
Shows the method used by a paraplegic to remove a full body brace in bed.

PARAPLEGIC PATIENT, THE - TRANSFER FROM WHEELCHAIR TO CAR AND REVERSE
4 min, 16mm film, optical sd, col 1970
Producer USNMAC *Agency No.* M-1784
Title No. 002781 *Sale* $21.50
Demonstrates the transfer between wheelchair and car.

PARENT EDUCATION
24 min, 16mm film, optical sd, col 1970
Producer USBEH
Title No. 584438 *Sale* $113.75
Shows home and clinic instruction in Sweden, Germany, England and the Netherlands.
From the *INTERNATIONAL EDUCATION OF THE HEARING Impaired Child Series.*

PARENT EDUCATION AT HEIDELBERG
11 min, 16mm film, optical sd, col 1970
Producer USBEH
Title No. 584447 *Sale* $62.50
Presents Professor Arman Lowe's home teaching and parent education program at the Paedo-Audiological Guidance Center.
From the *INTERNATIONAL EDUCATION OF THE HEARING Impaired Child Series.*

PARENTS ARE TEACHERS TOO
18 min, 16mm film, optical sd, b&w 1967
Producer USOEO
Title No. 584675 *Sale* $25.00
Discusses the role of parents as the child's first and continuing teachers, and points out that learning comes easier with a flow of understanding between school and home.

*****PARENTS EDUCATION PROGRAMS**
30 min, 16mm film, optical sd, col
Producer USDHEW
Title No. 000346 *Rental* $12.50 Sale $121.25
This film illustrates both formal and informal programs for parents of young hearing impaired children. the overview presents issues in family dynamics and parent-child communication and language development.

PARIS '44
29 min, 16mm film, optical sd, b&w 1963
Producer USA *Agency No.* TV 602
Title No. 004606 *Sale:* W/DRAWN
Depicts the recapture of Paris in 1944, and how the Allies saved it from mass destruction by the occupation forces of the Nazi regime.
From the *BIG PICTURE* series.
CLEARED FOR TV.

PAROTID GLAND AND FACIAL NERVE
24 min, 16mm film, optical sd, col 1957
Producer USVA
Title No. 004607 *Sale:* W/DRAWN
Demonstrates on a cadaver, a systematic dissection layer by layer, showing the parotid gland in its relationship to other structures, facial nerve, and its branches.

PAROTID GLAND AND FACIAL NERVE, THE
14 min, 16mm film, optical sd, col 1957
Producer USVA
Title No. 004370 *Sale:* W/DRAWN
Demonstrates the structures surrounding, contained in, and related to the parotid gland.

PARTIAL DENTURES - BIOMECHANICS
15 min, 16mm film, optical sd, col 1951
Producer USN *Agency No.* MN06721
Title No. 002782 *Sale* $51.75
Demonstrates the influence of forces of mastication on the design of partial dentures by dividing parts of partial dentures into bracing, supporting, and retaining elements. Emphasizes important construction details.

PARTIALLY HEARING, THE
15 min, 16mm film, optical sd, col
Producer USBEH
Title No. 002783 *Sale* $64.50
Shows classes at the newly constructed school for the partially hearing in Stockholm, in the Alviksskolan.
From the *INTERNATIONAL EDUCATION OF THE HEARING Impaired Child Series.*

PASSENGERS - DRIVING HAZARDS - SAFETY
14 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 495
Title No. 586310 *Rental* $7.50 Sale $25.50
Points out the driver's responsibility for the safety of child passengers and safe driving habits and safety in handling children getting on and off the bus.
From the *AUTOMOTIVE* series. School Bus Operation, No. 2

PATCHING FABRIC
22 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 250
Title No. 586640 *Sale* $44.50
Tells how to cut out and prepare the damaged area. Describes how to prepare, dope, rib-stitch, and finish a patch.
From the *AIRCRAFT WORK* series. Aircraft Maintenance

PATCHING PLYWOOD
26 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 249
Title No. 586650 *Sale* $53.50
Shows how to splay the edge of a hole, prepare and apply a splayed patch, make a flush or plug-type patch, make a frame of doubler and apply a flush patch.
From the *AIRCRAFT WORK* series. Power Plant Maintenance

PATH TO FULFILLMENT
38 min, 16mm film, optical sd, col 1970
Producer USBEH
Title No. 586586 *Rental* $15.00 Sale $152.75
Gives an overview of the philosophy, facilities, and techniques used in the care of the mentally retarded, principally in Scandanavia and England.

PATH TO SAFETY
20 min, 16mm film, optical sd, col 1967
Producer USFAA *Agency No.* FA-0612
Title No. 002785 *Sale* $68.25
Points out that more accidents are caused by human error than by any other factor.

* INDICATES NEW ENTRY

PATH TO WINGS, A - THE AIR FORCE ROTC FLIGHT INSTRUCTION PROGRAM

15 min, 16mm film, optical sd, col 1968
Producer USAF *Agency No* SFP 1788
Title No 586590 *Sale* $51.75

Encourages Air Force ROTC Cadets to pursue a career as Air Force pilots through the Flight Instruction Program. Shows how program determines cadet's potential for formal Air Force training. Cites benefits of learning to fly and of possessing a pilot's license regardless of future plans.

CLEARED FOR TV.

PATHOGENESIS AND MANAGEMENT OF HEMOCHROMATISIS

29 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No* T-1507
Title No 002786 *Sale* $60.50

Dr Crosby presents a basic discussion of 'Primary Hemochromatosis,' a rare metabolic hereditary disease involving the liver and pancreas. He shows various therapeutic approaches as well as diagnostic tests for this disorder. (Kinescope)

PATHOGENESIS OF ANEMIA

31 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No* T-1504
Title No 002787 *Sale* $63.50

Discusses major types of anemias, their differentiation, tests involved in establishing the specific type and some basis for therapy. Explains formula for M-IT, and shows examples of normal and various abnormal M-IT readings in several types of anemias. (Kinescope)

PATHOLOGY OF SCHISTOSOMIASIS, THE

2 min, 16mm film, silent, b&w 1948
Producer USNMAC *Agency No* 04-00068
Title No 002788 *Sale* $5.50

Shows views of pathological specimen material from chronic schistosomiasis.

RECOMMENDED FOR PROFESSIONAL USE.

PATHOPHYSIOLOGY OF PANCREATIC INFLAMMATION, THE

40 min, 16mm film, optical sd, b&w 1970
Producer USNMAC *Agency No* T-1895
Title No 002789 *Sale* $82.25

Relates the pathogenesis of acute pancreatitis to secretory mechanisms, and shows the construction of a unified concept of the etiology of inflammation within the pancreas. Evidence is accumulated from anatomic studies, manometric determinations of the intracholedochal and intrapancreatic ductal secretory pressures, physiologic investigations in experimental pancreatitis, and analyses of the clinical correlations observed in human pancreatitis. (Kinescope)

***PATTERN FOR CHANGE**

32 min, 16mm film, optical sd, col
Producer USBEH
Title No 000347 *Sale* $132.75

With greater public understanding, federal support and the fruits of research, the institution has passed from its traditional role of custodial repository. the film illustrates how the institution today provides for its permanent members, and, how it acts as a catalytic agent to involve community services for the more able retarded, thus, providing a chance whereby many retarted citizents can live in the community.

PATTERNS FOR HEALTH

14 min, 16mm film, optical sd, b&w 1967
Producer USOEO
Title No 002790 *Sale* $19.25

Shows the establishment of early health habits for the preschool child. Shows how this early training develops patterns found in the well-adjusted adult. Covers general as well as specific health needs of the four to five year old child.

***PATTERNS IN JAZZ**

10 min, 16mm film, optical sd, b&w 1963
Producer USIA *Agency No* 01-02582
Title No 004371 *Rental:* W/DRAWN *Sale* W/DRAWN

Depicts the life and work of a young jazz trumpet player who is concurrently engaged in performing, studying for a masters degree and student teaching at a southwest American university. Emphasizes that jazz is a discipline worthy of serious study.

***PATTERNS OF THE WILD**

26 min, 16mm film, optical sd, col 1966
Producer USDA *Agency No* 3209
Title No 003987 *Sale* $132.00

Through the eyes of a wild fox, you see that the wildlife of a forest does not merely live in a forest but is a part of its structure. Outstanding wildlife photography leads you from season to season. It shows what proper wild life management is doing to make the national forests more livable for animals and birds, and more enjoyable for people.

PAYOFF IN THE PACIFIC, PT 1

30 min, 16mm film, optical sd, b&w 1960
Producer USA *Agency No* TV 480
Title No 004372 *Sale* $59.50

Surveys World War II from Pearl Harbor and the loss of the philippines to the early victories in the South Pacific and to the B-29 bases constructed on Saipan.

From the *BIG PICTURE* series.

CLEARED FOR TV.

PAYOFF IN THE PACIFIC, PT 2

29 min, 16mm film, optical sd, b&w 1960
Producer USA *Agency No* TV 481
Title No 004373 *Sale* $59.50

Documents the war in the Pacific. Covers the islandhopping victories of the allies to the Japanese surrender aboard the battleship Missouri.

From the *BIG PICTURE* series.

CLEARED FOR TV.

PEDICLE FLAP FROM EDENTULOUS AREA

13 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No* D-30-PE
Title No 002795 *Sale* $46.25

The use of a pedicle flap to correct a periodontal lesion is demonstrated. Since there was insufficient gingiva present at the site of the lesion, neither the gingivectomy nor apically repositioned flap procedures were indicated. The relocated pedicle flap re-established a sufficient width of gingiva. Two cases are demonstrated.

PENETRATING WOUNDS OF THE ABDOMEN

14 min, 16mm film, optical sd, col 1953
Producer USN *Agency No* MN07470
Title No 002796 *Sale* $48.50

Demonstrates five steps for handling penetrating wounds of the abdomen--make a speedy and accurate diagnosis, keep the patient on his back, apply a sterile dressing, treat for shock, and prepare for speedy evacuation.

PENTODE CRYSTAL OSCILLATOR

30 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-514
Title No 002797 *Sale* $62.50

Explains the importance of stability in the Pentode Crystal Oscillator and discusses the importance of each component. Explains how correct amount and phase of feedback voltage is obtained. Demonstrates correct tuning procedure for most stable operation. (Kinescope)

PENTODES AND PENTAGRIDS

28 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-419
Title No 002798 *Sale* $58.50

Illustrates the schematic of a pentode tube and identifies the elements. Explains the purpose of the suppressor grid. Demonstrates the effect an AC signal has on the current and voltage through each branch of the circuit. Shows next the schematic of a pentagrid tube and explains the purpose of the second control grid and the additional screen grid. Discusses multi-unit tubes, explaining what they are and how they work, and identifies the parts of the tubes by using schematic diagrams. (Kinescope)

***PEOPLE AND APOLLO, THE**
19 min, 16mm film, optical sd, col 1973
Producer USDCPA *Agency No.* CP-20-279
Title No. 002156 *Sale* $78.00
Tells a unique story of civil preparedness at the local level in connection with the Apollo 16 Moon Shot Cape Kennedy. With a half million visitors attending the event, the Civil Defense office organizes a task force of volunteers and local, state and federal agencies to plan and coordinate arrangements for traffic control, crowd handling, and a variety of emergency services.

PERCENTAGE OF MODULATION
29 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-526
Title No. 002799 *Sale* $60.50
Explains what is meant by percentage of modulation. Explains over, under, and complete (100 percent) modulation and gives the advantages and disadvantages of each. Explains in detail how to determine the percentage of modulation, and illustrates by working several problems. (Kinescope)

PERCEPTION AND COMMUNICATION
28 min, 16mm film, optical sd, b&w 1966
Producer USOE
Title No. 002800 *Rental* $10.00 Sale $65.00
Shows concrete examples of how human perception affects the communication process and the individual's concept of reality. Two major theories of perception, the cognitive and the transactional, are introduced, each being illustrated to varying degrees in the six segments of which this film is composed.
From the *COMMUNICATION THEORY AND THE NEW EDUCATIONAL Media Series.*

PERFORMANCE COUNSELING
21 min, 16mm film, optical sd, b&w 1963
Producer USA *Agency No.* TF38-3291
Title No. 002801 *Sale* $37.00
Provides helpful guidelines for effective performance and non-directive methods of counseling. Aimed at senior officers.

PERFORMANCE EVALUATION
26 min, 16mm film, optical sd, b&w 1960
Producer USAF *Agency No.* SFP 0073
Title No. 592550 *Sale* $45.50
Teaches supervisors of Air Force civilian employees the importance of frequent, conscientious performance discussions with subordinates.

PERFORMING ARTS, THE
30 min, 16mm film, optical sd, b&w 1965
Producer USIA *Agency No.* 01-01452
Title No. 004608 *Rental* W/DRAWN Sale W/DRAWN
Examines the role of the performing artist in American society. Participating in the program are Mary Costa of the Metropolitan Opera, violin prodigy James Oliver Bushwell, the Bob Brookmeyer-Clark Terry Quintet, the Christianson Brothers, and impresarios of the San Francisco Ballet Company.
From the *REPORT FROM AMERICA* series.

PERIODIC CHECK-UP, THE
18 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 489
Title No. 592500 *Rental* $7.50 Sale $32.00
Shows how to tune up the engine, check and adjust the brake system and inspect the steering system, chassis and body.
From the *AUTOMOTIVE OPERATION AND MAINTENANCE* series. Automobile Operation, No. 4

PERIODIC FUNCTIONS
17 min, 16mm film, optical sd, b&w 1947
Producer USN *Agency No.* MN01540-O
Title No. 006425 *Sale* $30.50
Defines periodic functions, illustrates the graphing of sine angles, and relates sine waves to the amount of voltage produced by a generator.

PERIODIC INSPECTION - AIRPLANE
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 282
Title No. 592560 *Sale* $35.75
Explains the importance and meaning of thoroughness in performing a periodic inspection, showing a complete detailed inspection of an aileron as an example.
From the *AIRCRAFT WORK* series. Preventive Maintenance

PERIODIC INSPECTION - ENGINE
25 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 283
Title No. 002802 *Sale* $47.75
Shows how to inspect the general condition of an engine, examine internal parts, check ignition and fuel system, examine the propeller, and prepare an engine for run-up.
From the *AIRCRAFT WORK* series. Preventive Maintenance

PERSHING
30 min, 16mm film, optical sd, b&w 1963
Producer USA *Agency No.* TV 588
Title No. 004375 *Sale* W/DRAWN
Highlights Pershing's career prior to the turn of the century through World War II and including his retirement days.
From the *BIG PICTURE* series. Famous Generals
CLEARED FOR TV.

PERSHING STORY, THE
29 min, 16mm film, optical sd, b&w 1959
Producer USA *Agency No.* TV 444
Title No. 004609 *Sale* W/DRAWN
Relates the life of General John J Pershing.
From the *BIG PICTURE* series.

PERSIMMON - A NUCLEAR PHYSICS EXPERIMENT
16 min, 16mm film, optical sd, col 1967
Producer USAEC
Title No. 002803 *Sale* $108.25
Explains how the intense burst of neutrons produced by the underground detonation of a nuclear explosive can be used to perform a variety of nuclear experiments which are usually infeasible because of the need for a very high neutron flux or a hopelessly long-running time on an accerator. Focuses on the various experiments which comprise the Persimmon Event.

***PERSON TO PERSON IN INFANCY**
22 min, 16mm film, optical sd, b&w 1970
Producer USDHEW
Title No. 002157 *Sale* $56.50
Stresses the importance of the human relationships between infant and adult, and shows that in group care as well as at home there can be a considerable range of warmth and adequacy of relationship. The impact of this relationship on the infant's readiness and eagerness for new experience are suggested.

PERSONAL ENCOUNTER
60 min, 16mm film, optical sd, b&w 1951
Producer USA *Agency No.* TF19-1634
Title No. 002804 *Sale* $103.75
Shows ten aspects of hand-to-hand fighting-principles of judo, falling correctly, throwing, followingthrough, defense against wrestling holds, defense against knife or club, and offensive use of the police riot club.

PERSPECTIVES ON PESTICIDES
15 min, 16mm film, optical sd, col 1967
Producer USNMAC *Agency No.* M-1484
Title No. 002807 *Sale* $51.75
Describes various pesticides, their benefits to mankind, the hazards associated with their use both in in the home and on the farm, and the proper method of application and storage.

PERT--MILESTONE SYSTEM--PERT INTRODUCTION
27 min, 16mm film, optical sd, col 1962
Producer USN *Agency No.* MN 9704A
Title No. 002806 *Sale* $91.25
Brings management and operating levels together for the planning and execution complex research and development projects.

*PESTS OR PLENTY
13 min, 16mm film, optical sd, col 1965
Producer USDA *Agency No* 5543-2
Title No 593550 *Sale* $62.00
Depicts research being done in man's battle against pests and in his efforts to assure a pure food supply. Discusses chemical , pesticides and pure food lables.

*PET PEEVES
2 min, s8mm cartridge, optical sd, col
Producer USBEH
Title No 003416 *Sale* $20.00
Sold only in a cartridge with use of overhead projector. Presents short insights into home and school education of the profound hearing impaired.

PHANTASTRON
26 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-815
Title No 002808 *Sale* $54.75
Identifies phantastron circuit and states purpose of each component. Constructs a time amplitude graph during explanation of circuit operation. (Kinescope)

PHANTOM PAIN
32 min, 16mm film, optical sd, b&w 1964
Producer USNMAC *Agency No* M-0721
Title No 002809 *Sale* $55.25
Documents an interview between a psychiatrist and a patient who lost a foot in an accident and now feels considerable pain in the missing extremity. Includes interviewing technique as well as description of phantom pain.
PROFESSIONAL USE ONLY

PHARYNX TOPOGRAPHICAL ANATOMY, THE
9 min, 16mm film, optical sd, col 1969
Producer USVA *Agency No.* D-81
Title No 002810 *Sale* $32.75
The topography of the pharynx can be most advantageously viewed from the rear. In this film a window was created through the posterior neck of the cadaver for this purpose. The extent and volume that edema may assume in these areas is artificially produced by injecting water into the submucosa.

PHASE SHIFT OSCILLATOR - VT
34 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-529
Title No 002811 *Sale* $70.50
Describes the principle characteristics of the phase shift oscillator, with emphasis on its frequency range, stability, and economy. Explains the purpose and operation of each component within the circuit. Describes the class of operation as well as the minimum number of RC networks required to obtain the proper phase shift for sustained oscillations. Explains the effect of varying feedback as well as the frequency characteristics of the phase shift oscillator. (Kinescope)

PHOTOGRAPHER, THE
30 min, 16mm film, optical sd, b&w 1948
Producer USDS
Title No 595250 *Sale* $62.50
Personality, philosophy, techniques and artistry of Edward Weston are shown through scenes of the artist at home, on location and at work with his students.

PHYSICAL CHEMISTRY OF IMMUNOHEMATOLOGY
27 min, 16mm film, optical sd, b&w 1968
Producer USNMAC *Agency No* T-1676
Title No 002812 *Sale* $56.50
Presents a highly structured lecture on the stages of hemmaglutination and methods used to modify conditions in order to manifest the presence of blood group antibodies. (Kinescope)

PHYSICAL FITNESS FOR WAVES - MAKEUP FROM THE NECK DOWN
19 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No* MN02651
Title No 002813 *Sale* $33.75
Shows such exercises as--jumping jacks, bounce and stretch, heel balance, windmill, flip flop, criss cross, bounce and curl, and down and out. The value of participating in sports and planned exercises.

PHYSICAL MANIFESTATIONS AND GOALS OF TREATMENT FOR THE PARKINSON PATIENT
6 min, 16mm film, optical sd, col 1967
Producer USNMAC *Agency No.* M-1443
Title No. 002814 *Sale* $19.50
A therapist presents a Parkinson patient, pointing out the physical manifestations and the expected goals of treatment.

PHYSICAL PRINCIPLES OF RADIOLOGICAL SAFETY, THE
51 min, 16mm film, optical sd, b&w 1953
Producer USA *Agency No.* PMF 5145-E
Title No. 003019 *Sale* $89.25
Explains the ionizing characteristics of alpha, beta, and gamma radiation, roentgen and roentgen measurements - and formulas for calculation of exposure.

PHYSICAL SECURITY SURVEYS
30 min, 16mm film, optical sd, b&w 1964
Producer USA *Agency No.* TF19-3365
Title No. 003020 *Sale* $62.50
Describes the purpose, fundamentals and procedures for a physical security survey of a military installation to uncover and correct security weaknesses.
CLEARED FOR TV.

*PHYSICAL SECURITY, PT 10 - IDENTIFICATION AND CONTROL
22 min, 16mm film, optical sd, col 1971
Producer USA *Agency No.* TF-19-4183
Title No. 002158 *Sale* $89.75
Discusses purpose and techniques of ID and control procedures. Includes badges, access lists, duress codes, and new equipment.
SUGGESTED FOR PROFESSIONAL GROUPS ONLY

PHYSIOLOGY OF HIGH ALTITUDE FLYING
13 min, 16mm film, optical sd, col 1948
Producer USN *Agency No.* MN05311
Title No. 003022 *Sale* $45.25
A cartoon character named stanley illustrates the dangers of high altitude flying and is enlightened on the standard safety precautions.

*PIECE OF WOOD, A
15 min, 16mm film, optical sd, col 1957
Producer USDA *Agency No.* 1285-1
Title No. 598222 *Sale* $66.00
Takes a look at the U S Forest Service products laboratory at Madison, Wisconsin where chemists, physicists, botanists, pathologists, foresters and engineers are all working toward one goal, to learn everything possible about wood, through research, to determine better and more efficient uses of forest products.

PILGRIMAGE OF LIBERTY, A
30 min, 16mm film, optical sd, col 1958
Producer USIA *Agency No.* 01-02305
Title No. 004376 *Rental:* W/DRAWN Sale: W/DRAWN
Pictures, using minimum narration and evocative musical accompaniment, U S historical landmarks to signify the heritage of liberty in American life. Includes shrines to the nation's great, national parks, giant dams, super-highways and bridges, Mt Vernon, Monticello, and sites in Philadelphia, Boston and Illinois.

PILOT AND AIR TRAFFIC CONTROL
29 min, 16mm film, optical sd, b&w 1956
Producer USAF *Agency No.* TF1-5041
Title No. 003023 *Sale* $50.25
Explains air traffic control procedures and techniques including en route, approach, and local power control - instrument plane control - air traffic control centers and air traffic controllers.

* INDICATES NEW ENTRY

PILOTING, SURFACE
33 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No* MN00083H
Title No 003024 *Sale* $56.75
Stresses the importance of accurate piloting and discusses briefly the use of the bearing circle, compass repeater, and alidade in securing bearings.

PIN LEDGE CASTINGS
4 min, 16mm film, optical sd, col 1967
Producer USVA *Agency No* D-006
Title No 003025 *Sale* W/DRAWN
A single concept film. for a descriptive statement, see the series title.
From the *OPERATIVE DENTISTRY - ADVANCED CONCEPTS Series*

PINLAY ABUTMENTS
26 min, 16mm film, optical sd, col 1964
Producer USA *Agency No* PMF 5374
Title No 003026 *Sale* $88.00
Demonstrates clinically, the pinlay abutment technique used in restoration of interior teeth.

PIPE FABRICATION WITH JIGS
22 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 122
Title No 599850 *Sale* $44.50
Explains the purpose of the jig. Shows how to lay out and assemble targets for a jig, set hangers and targets using a pipe section as a template and fabricate pipe on the jig.
From the *SHIPBUILDING SKILLS* series. Pipefitting, No. 7

PIQUA NUCLEAR POWER FACILITY, THE
23 min, 16mm film, optical sd, col 1963
Producer USAEC
Title No 003027 *Sale* $79.25
Uses animation to compare the organic-moderated piqua reactor to the liquid metal sodium graphite reactor at Hallam, Nebraska, and the pressurized water reactor at Shippingport, Pennsylvania.

PISTON AND LINER REMOVAL
12 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No* MN03708E
Title No 003028 *Sale* $22.25
Tells how to remove connecting rod bearing, fork rod piston assembly, blade rod piston assembly, and opposite liners.

*PITCH
2 min, s8mm cartridge, optical sd, col
Producer USBEH
Title No 003417 *Sale* $19.25
Sold only in a cartridge with vocal approach and incidental correction of speech. Presents short insights into home and school education of the profound hearing impaired.

*PITCH - 1
13 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No* C-101
Title No 003418 *Sale* $30.50
Illustrates a child's first lesson at the presentation stage of pitch. touch variations are introduced and explained.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Essentials of Good Speech*

*PITCH - 2
12 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No* C-102
Title No 003419 *Sale* $28.50
Introduces hand signals used in association with extremes of pitch to help the pupil imitate extremes.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Essentials of Good Speech*

*PITCH - 3
9 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No* C-103
Title No 003420 *Sale* $22.50
Shows a demostration of guiding a pupil to produce the desired pitch of vowels through reinforcement of his correct imitation.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Essentials of Good Speech*

*PITCH - 4
12 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No* C-104
Title No 003421 *Sale* $28.75
Demonstrates work at the imitation stage of pitch in which the pupil is helped to develop high vowels.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Essentials of Good Speech*

*PITCH - 5
10 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No* C-105
Title No 003422 *Sale* $23.25
Shows four lesson segments demonstrating advanced stages of pitch learning.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Essentials of Good Speech*

PITCH BUTTONING AND BLOCKING
30 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 182
Title No 600080 *Rental* $10.00 Sale $52.00
Demonstrates blocking large convex lenses, blocking with pagoda tool, use of ring button, buttoning and blocking with pitch points, and pitch buttoning and blocking very small lenses.
From the *OPTICAL CRAFTSMANSHIP* series. Spherical Surfaces

PLACE IN HISTORY, A
28 min, 16mm film, optical sd, col 1970
Producer USNLE
Title No 600375 *Sale* $109.25
Depicts General Eisenhower's entire life and emphasizes his role in World War II as well as his White House years. Narrated by Lorne Greene.

*PLACE TO MEET, A - A WAY TO UNDERSTAND
35 min, 16mm film, optical sd, col 1971
Producer USSRS
Title No 002159 *Rental* $15.00 Sale $175.00
Documents a unique experiment in American life--an attempt to bring to life an idea that will be new to many Americans--the idea that children and the occupational world of most adults do not need to remain apart.

PLACING THE RIGHT MAN ON THE JOB
13 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 156
Title No 003030 *Rental* $7.50 Sale $23.75
Dramatizes cases of five different workers, unsatisfactory in particular jobs, who are reassigned to other jobs more suitable to their abilities and capacities.
From the *PROBLEMS IN SUPERVISION* series.

PLACING THE RIGHT MAN ON THE JOB (SPANISH)
13 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 156
Title No 003089 *Rental* $7.50 Sale $23.75
Dramatizes cases of five different workers, unsatisfactory in particular jobs, who are reassigned to other jobs more suitable to their abilities and capacities.
From the *PROBLEMS IN SUPERVISION* series.

PLAGUE CONTROL
21 min, 16mm film, optical sd, col 1945
Producer USN *Agency No* MN04049
Title No 003031 *Sale* $135.00
Explains the chief clinical types of plague, the type of environment in which plague tends to flourish, the role of the rat and rat flea, and rat control measures.

* INDICATES NEW ENTRY

PLAGUE IN SYLVATIC AREAS
26 min, 16mm film, optical sd, col 1961
Producer USNMAC *Agency No.* M-0440
Title No. 003032 *Sale* $88.00
Shows the world history of plague and its introduction into the U S particularly in the sylvatic areas of the west. Describes the importance of the control of transmission agents, including the rodent-borne fleas, and discusses methods of rapid diagnosis and treatment.

PLAIN INDEXING AND CUTTING A SPUR GEAR
26 min, 16mm film, optical sd, b&w 1941
Producer USOE *Agency No.* OE 015
Title No. 600900 *Rental* $10.00 Sale $45.50
Explains diametral pitch and the parts of a gear tooth, the use of the dividing head for spacing teeth and the operations of a milling machine in the cutting of a spur gear.

PLAN FOR PROTECTION
14 min, 16mm film, optical sd, col 1964
Producer USAE
Title No. 003033 *Sale* $48.50
Shows damages caused by three major hurricanes in Providence, Rhode Island, and the Corps of Engineers' plans for the protection of the entire Narragansett Bay area by the use of two hydraulic models. One model was of the entire Bay and the other was a larger scale model of east passage, the main navigation entrance. Shows tests conducted to prove the maneuverability of Navy vessels through one of the barriers during the worst storm of record.

✲**PLAN FOR SURVIVAL**
34 min, 16mm film, optical sd, col 1963
Producer USBM
Title No. 003547 *Sale* $137.00
Covers the construction of the barricade and other (correct and safe) barricading procedures, and the organization of rescue and recovery operations on the surface. A mine rescue team, after careful and systematic searching, finally free the men.

PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

PLANE IS BORN, A
27 min, 16mm film, optical sd, col 1968
Producer USFAA *Agency No.* FA-602
Title No. 003034 *Sale* $98.00
Describes how FAA works with manufacturers in the design, manufacture and certification of new aircraft.
CLEARED FOR TV.

PLANE SENSE
28 min, 16mm film, optical sd, col 1968
Producer USFAA *Agency No.* FA-807
Title No. 003035 *Sale* $101.50
Offers hints about buying a used aircraft, outlines responsibilities in maintaining and recording the maintenance of the aircraft and engine, and shows how to keep abreast of current [illegible] regulations.
CLEARED FOR TV.

PLANES IN THE SKY, SHIPS IN THE SEA
28 min, 16mm film, optical sd, col 1970
Producer USN *Agency No.* MN10653
Title No. 601401 *Sale* $113.50
Portrays the role of the Naval Ships Research and Development Center and affiliated laboratories in developing modern Naval Ships and equipment.

PLANETARY GEARS, PRINCIPLES OF OPERATION, PT 1, SINGLE SETS
18 min, 16mm film, optical sd, b&w 1953
Producer USA *Agency No.* TF09-1855
Title No. 003037 *Sale* $32.00
Describes the use and operation of planetary gears, covering the basic components, the laws of mechanical operation, and the results. Illustrates through a scale model the mechanics of planetary gears.

PLANETARY GEARS, PRINCIPLES OF OPERATION, PT 2, MULTIPLE SETS
15 min, 16mm film, optical sd, b&w 1953
Producer USA *Agency No.* TF09-1856
Title No. 003036 *Sale* $27.00
Demonstrates, through the use of a scale model, the principles of operation governing multiple sets of planetary gears.

PLANING A DOVETAIL SLIDE
28 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 067
Title No. 601690 *Rental* $10.00 Sale $48.75
Tells how to set up the workpiece, cutting tools, and machine. Shows how to make rough and finish cuts in the clearance slot, and make angle cuts.
From the *MACHINE SHOP WORK* series. Opertions on the Planer, No. 2

PLANING A FLAT SURFACE
22 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 66
Title No. 003038 *Rental* $7.50 Sale $38.50
Shows function of a planer, how to mount the work-piece, set the tool and table for the cut, make a first and second roughing, and a first and second finishing cut.
From the *MACHINE WORK SHOP* series. Operations on the Planer, No. 1

PLANING A FLAT SURFACE (SPANISH)
22 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 66
Title No. 003090 *Rental* $7.50 Sale $38.50
Shows function of a planer, how to mount the work-piece, set the tool and table for the cut, make a first and second roughing, and a first and second finishing cut.
From the *MACHINE WORK SHOP* series. Operations on the Planer, No. 1

PLANING ROUGH SURFACES TO DIMENSIONS
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 301
Title No. 601740 *Rental* $7.50 Sale $30.50
Describes how to prepare wood for planing and how to plane stock to uniform thickness, determine the amount of cut to be made, regulate the speed of feeding and adjust the surfacer to cut straight surfaces.

PLANNING AND LAYING OUT WORK
10 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 151
Title No. 602150 *Sale* $17.50
Depicts a plant supervisor's talk to his son, who has built a boat in the basement too large to go through the door, about the necessity for planning a job in advance, and recounts several illustrative experiences at the plant.
From the *PROBLEMS IN SUPERVISION* series.

✲**PLANNING FOR THE EVALUATION OF SPECIAL EDUCATION PROGRAMS**
74 2x2 slides, 1/4 in. audiotape, col 1970
Producer USOE
Title No. 002160 *Sale* $12.00
Disposes of the supposition that evaluation can only be handled by specialists and emphasizes that evaluation refers to decision-making. Gives help to anyone involved in programs for handicapped children.

✲**PLANT FOR THE FUTURE**
11 min, 16mm film, optical sd, col 1963
Producer USDA *Agency No.* 3924
Title No. 003782 *Sale* $52.00
Tells a story of how a group of growers formed a home industry designed to grade and pack fresh apples for today's demanding markets. With assistance from the Rural Areas Development Program, these Pennsylvania farmers formed a packing cooperative THT benefited the locality as well as themselves.

✲ INDICATES NEW ENTRY

***PLANT HEALTH PROGRAM, A**
55 fr, 35mm filmstrip, 1/4 in. audiotape, b&w 1955
Producer USNMAC *Agency No* SPF-209
Title No 002161 *Sale* $6.00
Shows a typical occupational health program in operation in a modern printing plant

***PLANTING ISN'T ENOUGH**
14 min, 16mm film, optical sd, col 1959
Producer USDA *Agency No* 1411
Title No 002705 *Sale* $64.00
The north country may be embarking on a new era because of tree plantations. But planting is not enough. Proper management, which is good business, can double annual growth. Values other than wood also increase, such as recreation, good water, and wildlife habitat

PLASTIC ISOLATORS - NEW TOOLS FOR MEDICAL RESEARCH
14 min, 16mm film, optical sd, col 1964
Producer USNMAC *Agency No* M-0599
Title No 001348 *Sale* $48.50
Demonstrates how inexpensive plastic isolators will protect laboratory animals from contamination during research studies. These isolators are also being used to protect personnel from virulent organisms, noxious fumes and radioactive dusts

PLATE DETECTOR
30 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-523
Title No 003041 *Sale* $62.50
Discusses the purpose of each component in the plate detector circuit and explains how the circuit recovers ultrastructure of the megakaryocyte as well as the advantages and limitations of the plate detector with reference to selectivity, sensitivity and signal handling ability. Using an actual plate detector trainer and a synchroscope, demonstrates output waveshapes from the plate detector. (Kinescope)

PLATE-COUPLED MULTIVIBRATOR - VT
40 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-809A
Title No 003042 *Sale* $82.25
Discusses the purpose of each component in the plate-coupled multivibrator circuit, the construction of a waveform graph, and how to maintain stability. (Kinescope)

PLATELET MORPHOLOGY FUNCTION
28 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No* T-1723
Title No 003043 *Sale* $57.50
Describes the origin of the circulating platelet beginning with the megakaryocyte in the bone marrow. Ultrasturcture of the megakaryocyte as well as the platelet is shown using electron microscope and scanning microscope illustrations. Process of platelet adhesion, and aggregation, as well as tests of platelet function are described. (Kinescope)

PLIERS AND SCREW DRIVERS
15 min, 16mm film, optical sd, b&w 1943
Producer USA *Agency No* TF9-2027
Title No 003044 *Sale* $27.00
Demonstrates the proper use of pliers and screw drivers and safety precautions to be observed in their use

PLOW THAT BROKE THE PLAINS, THE
25 min, 16mm film, optical sd, b&w 1936
Producer USDA
Title No 605350 *Rental* $10.00 Sale $54.75
Depicts social and economic history of Great Plains from the settlement of prairies by cattlemen and farmers through the World War I boom to drought and Depression. Also, gave the initial impetus to the American documentary film

PLOWSHARE
28 min, 16mm film, optical sd, col 1965
Producer USAEC
Title No 000969 *Sale* $185.50
Uses motion pictures and animation to explain the development and aims of the Plowshare Program, the Atomic Energy Commission's program for the safe use of nuclear explosives for civilian applications

***PLUM ISLAND ANIMAL DISEASE LABORATORY**
24 min, 16mm film, optical sd, col 1958
Producer USDA *Agency No* 1260-11
Title No 008492 *Sale* $108.00
Illustrates the nation's first laboratory for the study of foot-and-mouth disease and the center of research to determine ways of eradicating foreign contagious animal diseases. Shows the careful safety measures provided for both animals and men, isolation safeguards, and facilities provided to conduct experiments designed to guard America's livestock

PLUNGE CUT GRINDING
15 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 083
Title No 605400 *Rental* $7.50 Sale $27.00
Shows how to mount a bushing on a mandrel, dress the side of the grinding wheel, set a dial snap gage for the production grinding of bushings, and rough- and finish-grind a bushing. Stresses rhythm in grinding
From the *MACHINE SHOP WORK* series. Operations on the Center-Type Grinder, No. 4

PLUTONIUM FUEL FABRICATION FOR MTR
11 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No 003047 *Sale* $55.00
Explains that the materials testing reactor (MTR) at AEC's National Reactor Testing Station, Idaho, has been operated utilizing plutonium as the entire fissionable fuel charge

PLUTONIUM FUEL FABRICATION, EBR-I, MARK 4
10 min, 16mm film, optical sd, col 1961
Producer USAEC
Title No 003046 *Sale* $38.00
Explains that fabrication of plutonium fuel and test pieces is complicated by consideration of criticality, pyrophoricity, and radioactive toxicity

PLUTONIUM METAL PREPARATION
12 min, 16mm film, optical sd, b&w 1958
Producer USAEC
Title No 003048 *Sale* $35.00
Shows the process and equipment designed and used at Los Alamos Scientific Laboratory in converting plutonium from a nitrate solution to elemental metal

PLUTONIUM RECYCLE
17 min, 16mm film, optical sd, col 1964
Producer USAEC
Title No 003049 *Sale* $67.00
Explains that the nuclear-economic advantages of plutonium depend upon the performance of the multiple recycle

PM-1 NUCLEAR POWER PLANT
20 min, 16mm film, optical sd, col 1962
Producer USAEC
Title No 003050 *Sale* $75.50
Supplies the power for the radar and space heating of a remote Air Defense Command radar station in Wyoming. Gives details on major components and the design and operation of the system

PM-3A NUCLEAR POWER PLANT--ANTARCTICA
20 min, 16mm film, optical sd, col 1963
Producer USAEC
Title No 003051 *Sale* $79.25
Gives details on the plant's pressure vessel, coolant, nuclear fuel, control rods, switchgear, heattransfer equipment, turbogenerator, and other major components

POETRY OF POLYMERS, THE
19 min, 16mm film, optical sd, col 1967
Producer USNASA *Agency No* HQ 143
Title No 003053 *Sale* $81.75
Shows a research in polymers being performed. The molecular structure of polymers is explained and the molding of a

* INDICATES NEW ENTRY

polymer from basic ingredients is demonstrated The challenge of inquiring into the basic nature of materials is dramatically presented

POINT CONTROL OF TRAFFIC
32 min, 16mm film, optical sd, b&w 1955
Producer USA *Agency No* TF19-2137
Title No 003052 *Sale* $55.25
Explains that point control of traffic is essential for the smooth and rapid movement of troops and supplies

POINT OF VIEW
41 min, 16mm film, optical sd, b&w 1962
Producer USOE *Agency No* OE 502
Title No 003054 *Rental* $12.50 Sale $70.00
Demonstrates the 'Discovery' method as applied to the teaching of English Louis C Zahner leads a class of 7th graders to see the implications of point of view in writing and speaking

POLARIS TO POSEIDON
15 min, 16mm film, optical sd, col 1966
Producer USN *Agency No* MN09442
Title No 003055 *Sale* $50.00
Tells the story of one of the Navy's major contributions to world peace--the Polaris missile submarine and the men who operate her

POLARIS, BLUE AND GOLD
10 min, 16mm film, optical sd, col 1962
Producer USN *Agency No* MN09756
Title No 003056 *Sale* $65.00
Protrays the blue and gold crews of the U S Navy fleet Ballistic Missile Submarines on patrol in the Atlantic ocean. Shows life in a typical Polaris submarine

POLE LINE CONSTRUCTIO, PT 3, ERECTING POLES AND ATTACHING CROSSARMS
26 min, 16mm film, optical sd, b&w 1958
Producer USA *Agency No* TF11-2716
Title No 003057 *Sale* $45.50
Stresses the selection of most suitable type of crossarm installation to safely support communication circuits.

POLISHING
28 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 184
Title No 607760 *Rental* $10.00 Sale $48.75
Shows how to make concave or convex polishing shell, trim polishing shell to size and cut breathers, set up and use polishing machine, make Newton's ring check with test glass, and correct for hollow condition and high condition.
From the *OPTICAL CRAFTSMANSHIP* series. Spherical Surfaces

PORCELAIN INLAY TECHNIQUE
3 min, 16mm film, optical sd, col 1967
Producer USVA *Agency No* D-007
Title No 003059 *Sale* W/DRAWN
A single concept film for a descriptive statement, see the series title.
From the *OPERATIVE DENTISTRY - ADVANCED CONCEPTS Series*.

PORCELAIN PROTECTED SURFACE WIRING
19 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 376
Title No 609360 *Rental* $7.50 Sale $33.75
Tells how to make an electrical entrance to a building, install wiring and porcelain fittings, support and insulate wires, and prepare and connect wires for service.
From the *ELECTRICAL WORK* series. Wiring, No. 9

PORT PREPAREDNESS
23 min, 16mm film, optical sd, col 1967
Producer USOCD *Agency No* DODCD55-257
Title No 003060 *Sale* $78.25
Shows how port managements from coast to coast and from the Great Lakes to the Gulf are now making preparations to meet emergencies.

PORTRAIT OF ANTARCTICA
23 min, 16mm film, optical sd, col 1961
Producer USN *Agency No* MN 8942
Title No 003061 *Sale* $78.25
Report of the naval and scientific efforts being conducted in the Antarctic during Operation Deep Freeze

PORTSMOUTH STORY, THE
23 min, 16mm film, optical sd, b&w 1958
Producer USAEC
Title No 003063 *Sale* $45.00
Describes the construction of the Commission's gaseous diffusion plant at Portsmouth, Ohio

POSITIVE APPROACH TO THE PSYCHIATRIC PATIENT, A
30 min, 16mm film, optical sd, b&w 1955
Producer USVA
Title No 003062 *Sale* $52.00
Shows the treatment in Veterans Administration hospitals for psychiatric patients who have emerged from acute episodes of mental illness but who are not yet well enough to leave the hospital. Uses a hospital ward unit as the focal setting, and stresses the roles of the nurse, aide, and physician.

POSTAL SOURCE DATA SYSTEM, THE
18 min, 16mm film, optical sd, col
Producer USPO
Title No 004377 *Sale* W/DRAWN
Portrays how the Post Office Department had applied one of the marvels of this electronic age to benefit the mail service. Explains why the Department found it necessary to install 'the largest computer system of its kind' and depicts what the equipment will do.

POSTOPERATIVE CARE
14 min, 16mm film, optical sd, b&w 1959
Producer USN *Agency No* MN08576G
Title No 003064 *Sale* $25.50
Describes the duties and responsibilities of hospital corpsmen in caring for patient immediately after surgery.

POSTURAL DRAINAGE--PATIENT POSITIONING
9 min, 16mm film, optical sd, col 1968
Producer USNMAC *Agency No* M-1573
Title No 003065 *Sale* $29.25
Demonstrates the various positions of the body which are used to drain the lung segments of the patient with chronic obstructive pulmonary disease.

****POTENTIAL UNLIMITED**
20 min, 16mm film, optical sd, col 1963
Producer USDA *Agency No* 1503
Title No 003781 *Sale* $31.00
Explains the importance of continuous supervisoremployee relationship. It makes clear the employee development responsibilities of supervisors, and explains how to conduct the annual employee development interview.

POULTRY PROCESSING INSPECTION
18 min, 16mm film, optical sd, col 1955
Producer USAF *Agency No* TF 8151
Title No 612070 *Rental* $10.00 Sale $135.25
Outlines poultry processing inspection procedures required by the U. S. department of Agriculture, U. S. Public Health Service, and medical services of the Army and the Air Force.

****POVERTY IN RURAL AMERICA**
29 min, 16mm film, optical sd, b&w 1965
Producer USDA *Agency No* 4910
Title No 003780 *Sale* $62.00
Takes you where the 'Hidden Americans' live--into the mountain hollows, to the end of the rutted dirt roads, and into the bypassed communities. The people tell their own story of their problems, their privations, and their hopes

POWDER METALLURGY, PT 1, PRINCIPLES AND USES
19 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 346
Title No 612200 *Rental* $7.50 Sale $33.75
Discusses the principles of powder metallurgy and its major

industrial applications. Depicts the laboratory process of combining silver and nickel powders.
From the *ENGINEERING* series.

POWDER METALLURGY, PT 2, MANUFACTURE OF POROUS BRONZE BEARINGS
15 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 347
Title No. 612201 *Rental* $7.50 Sale $27.00
Shows how metal powders are fabricated into porous bronze bearings and impregnated with oil.
From the *ENGINEERING* series.

POWER AND POWER FACTOR
34 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-218
Title No. 003066 *Sale* $70.50
Explains the difference between true power and apparent power in a series RC or RL circuit. Then gives the power factor, with the equations for both true and apparent power. Explains a few examples of computing the power factor, true power, and apparent power. (Kinescope)

POWER AND PROMISE
29 min, 16mm film, optical sd, col 1959
Producer USAEC
Title No. 003067 *Sale* $121.00
Tells the story of the atomic power reactor at Shippingport, Pa.

***POWER AND THE LAND**
39 min, 16mm film, optical sd, b&w 1940
Producer USDA *Agency No.* 854
Title No. 000651 *Sale* $113.00
Tells the story of a typical family-size farm before and after electrification. Shows the formation of an electrical cooperative by a farm group and illustrates savings and benefits brought by electricity.

POWER BENDING CONDUIT
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 382
Title No. 612510 *Rental* $7.50 Sale $30.50
Depicts assembly and operation of a floor bender and a portable bender. Shows how to make a 45 degree bend in a 3-inch conduit, make an offset in 1 1/2-inch conduit, and make an offset in conduit already installed.
From the *ELECTRICAL WORK* series. Wiring, No. 13

POWER FOR THE MOONSHIP
28 min, 16mm film, optical sd, b&w 1966
Producer USNASA *Agency No.* HQK-SR4
Title No. 003068 *Sale* $53.75
Explores the world of fuel cells. Viewers are shown working models of the fuel cell for the Apollo spacecraft, and are given a hint of possible future uses here on Earth.

POWER SHOVEL PRODUCTIVITY
30 min, 16mm film, optical sd, col 1969
Producer USFHWA
Title No. 003069 *Sale* $101.00
Highlights the job conditions that determine the yardage output of power shovels on highway grading work, and demonstrates how production is affected by the speed of the dipper cycle, size of dipper load, and frequency and duration of minor delays.

POWER SUPPLIES
20 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-303
Title No. 003070 *Sale* $43.00
Solves for peak inverse voltage in half and full wave rectifier circuits using a capacitor input filter. Defines bleeder resistor and states the purpose of a permanent load. States which type of filter would be used for high voltage low current, moderate voltage low current, and moderate voltage at high current. (Kinescope)

POWERHEAD
5 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN02598D
Title No. 003071 *Sale* $9.25
Shows adjustment of the speeder spring and construction and operation of the powerhead. Demonstrates the speed-setting control of the governor.

POWERING APOLLO
5 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No.* AD 009
Title No. 003072 *Sale* $24.00
An overall view of the Saturn 5 rocket used in the flight to the Moon. The entire launch vehicle is shown, and the role of each of its major parts is briefly explained.
From the *APOLLO DIGEST* series.

POWERS OF TEN - DECIMAL CONVERSION AND MULTIPLICATION
20 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-116A
Title No. 003073 *Sale* $42.50
Develops the need for powers of ten, shows the procedures for converting large and small numbers to powers of ten and explains the rules for multiplying powers of ten. (Kinescope)

POWERS OF TEN - DIVISION AND PREFIXES
25 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-116B
Title No. 003075 *Sale* $52.50
The rules of division are stated and example problems are solved. Introduces prefixes and shows how to convert from prefix to power of ten, then from power of ten to standard prefix. (Kinescope)

PRACTICAL PROCEDURES OF MEASUREMENT
48 min, 16mm film, optical sd, b&w 1951
Producer USA *Agency No.* PMF 5145-C
Title No. 003074 *Sale* $81.25
Explains the purposes of measurement for safety and for experimental purposes. Discusses the operational principles of the electroscope, ionization chamber, proportional counter, and particularly the geigermuller counter.

PRACTICAL VIEW OF SYPHILIS, A
30 min, 16mm film, optical sd, col 1963
Producer USNMAC *Agency No.* M-0584
Title No. 003076 *Sale* $101.00
Gives a practical overview of the most significant aspects of modern-day syphilis diagnosis and management. Intended for use in medical schools and is designed to simulate a classroom lecture as closely as possible.
RESTRICTED TO PROFESSIONAL DISTRIBUTION.

PRACTICING MATHEMATICAL SKILLS
18 min, 16mm film, optical sd, col 1970
Producer USOE
Title No. 613430 *Sale* $74.00
Shows how the effectiveness of drill and practice is highly dependent on when it is used and how it is presented. Illustrates suitable materials, use of a computer terminal, techniques for promoting interest, and ways of identifying appropriate items for drill.
From the *PROJECT ON INTERPRETING MATHEMATICS EDUCATION Research Series.*

PRE-EXTRACTION RECORD OF VERTICAL DIMENSION USING PLASTER BANDAGE, A
9 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No.* D-65-CP
Title No. 003078 *Sale* $30.25
Demonstrates a simple procedure using plaster bandage to obtain accurate, permanent, pre-extraction records of vertical dimension.

PREAMBLE TO PEACE
29 min, 16mm film, optical sd, b&w 1957
Producer USA *Agency No.* TV 373
Title No. 004378 *Sale:* W/DRAWN
Examines the meaning of the U S Constitution and its preamble.

From the *BIG PICTURE* series.
CLEARED FOR TV.

PRECAST CONCRETE BRIDGE
18 min, 16mm film, optical sd, col 1955
Producer USFHWA
Title No. 003077 *Sale* $61.75
Uses construction scenes and animated drawings to show casting of beams, deck slabs, and curb sections, driving of piles, construction of bent caps, placement of pre-cast units, and final operations in completing a three span structure.

PRECISION GAGE BLOCKS
18 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 49
Title No. 614200 *Rental* $7.50 Sale $32.00
Shows various uses of gage blocks in setting inspection gages - how to calculate gage blocks, and clean assemble the blocks.

* **PRECISION OF ARTICULATION IN HEARING CHILDREN**
17 min, 16mm film, optical sd, col
Producer USDHEW
Title No. 000349 *Sale* $60.00
A technical film which interprets a sound spectrogram in order to analyze the precision of a child's speech represented as a function of age.

PREFACE TO A LIFE
29 min, 16mm film, optical sd, b&w 1950
Producer USNMAC *Agency No.* MIS-0256
Title No. 004379 *Rental* $10.00 Sale: W/DRAWN
Parental influence on a child's developing personality is illustrated by a series of episodes showing the effects of an overly solicitous mother and an overly demanding father. In contrast, shows the healthy childhood resulting when both parents accept their child as an individual.

PREFLIGHT INSPECTION - AIRPLANE
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 280
Title No. 003079 *Sale* $35.75
Shows the necessity for careful and thorough inspection. Tells how to use the 'circle method' to inspect landing gear, wings, fuselage, tail surfaces, cabins, controls, and instruments.
From the *AIRCRAFT WORK* series. Preventive Maintenance

PREFLIGHT INSPECTION - ENGINE
13 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 281
Title No. 003080 *Sale* $28.50
Tells how to check the general condition of an aircraft engine--inspect the fuel system, ignition system, and engine fittings and attachments. Describes how to conduct an engine run-up and complete the inspection procedure.
From the *AIRCRAFT WORK* series. Preventive Maintenance

PRELIMINARY IMPRESSIONS FOR COMPLETE DENTURES - ALGINATE METHOD
12 min, 16mm film, optical sd, col 1969
Producer USVA *Agency No.* D-19-CP
Title No. 003081 *Sale* $43.00
Demonstrates a simple and efficient method of using wax modifications in stock trays to obtain primary impressions with alginate.

PRELUDE TO WAR
54 min, 16mm film, optical sd, b&w 1942
Producer USWD *Agency No.* OF 01
Title No. 003082 *Rental* $15.00 Sale $113.00
Describes the events leading up to World War II. Shows the development of fascism in Germany, Italy and Japan, and the beginning of Japanese aggression in Manchuria. Dwells on the rise of nazism in Germany.
From the *WHY WE FIGHT* series.

PREOPERATIVE CARE
16 min, 16mm film, optical sd, b&w 1952
Producer USN *Agency No.* MN08576F
Title No. 006412 *Sale* $28.50
Presents the duties and responsibilities of hospital corpsmen in preparing a patient for surgery in the 16- to 24-hour period immediately preceding the operation.

PREOPERATIVE EVALUATION OF LUNG FUNCTION
40 min, 16mm film, optical sd, b&w 1964
Producer USNMAC *Agency No.* T-1819-X
Title No. 002603 *Sale* $81.00
Demonstrates a practical workup and management of patients with chronic respiratory disease before, during and after surgery. By Edward Gaensler, Md, Boston University School of Medicine. (Kinescope)

PREPARATION AND STAINING OF FECAL SMEARS FOR PARASITOLOGICAL EXAMINATION
8 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No.* M-0760
Title No. 002550 *Sale* $26.00
Demonstrates the Trichrome Staining technique for the detection of intestinal parasites.

PREPARATION FOR DOCKING WITH KEEL AND BILGE BLOCKS
14 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN02352A
Title No. 002564 *Sale* $25.50
Examines the graving dock and demonstrates the placement of keel and bilge blocks according to the docking plan.

PREPARATION OF A CULTURE MEDIUM
14 min, 16mm film, optical sd, b&w 1949
Producer USNMAC *Agency No.* 04-0089.1
Title No. 003083 *Sale* $25.50
Demonstrates the necessity for bacteriologic diagnosis of tuberculosis, and advantages of the modified Lowenstein medium. Shows ingredients, preparation, tubing, inspissating, testing, and storing of the medium. User should supplement film with current data.

PREPARATION OF PONTICS FOR PIN RECEPTION AND LINGUAL CONTOUR
10 min, 16mm film, optical sd, col 1969
Producer USVA *Agency No.* D-42-FP
Title No. 002597 *Sale* $35.00
The procedures necessary to convert a denture tooth into a reverse pin pontic are shown and described. The lingual surface is prepared for a metal backing which will permit incisal translucency compatible with natural appearance. Staggered pin positions to serve as retentive elements are placed into the prepared surface.

PREPARATION OF PRIMARY MAMMALIAN KIDNEY CELL CULTURE
13 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No.* M-0848
Title No. 003040 *Sale* $45.25
Demonstrates a commonly used procedure for preparing primary cell cultures from monkey kidney tissue. Shows preparation of the animal, surgical procedures used in removing the kidneys, technique of dissecting the tissue and treatment with trypsin to obtain a cell suspension. The method of determining the cell concentration by microscopic means is explained.

PREPARATION OF SPUTUM SPECIMENS
16 min, 16mm film, optical sd, b&w 1949
Producer USNMAC *Agency No.* 04-0089.2
Title No. 003045 *Sale* $28.50
Shows the technique of sputum preparation used in laboratory diagnosis of tuberculosis to simplify diagnostic methods and to supplement mass X-ray programs. User should supplement film with current data.

PREPARATION OF TEACHERS
20 min, 16mm film, optical sd, b&w 1950
Producer USDS
Title No. 003039 *Rental* $7.50 Sale $42.50

Shows teacher education at Ball State Teachers cOllege in Muncie, Indiana.

PREPARATION OF THICK AND THIN BLOOD FILMS
6 min, 16mm film, optical sd, col 1967
Producer USNMAC *Agency No.* M-1433
Title No. 003094 *Sale* $19.50

Demonstrates techniques of preparing blood films for the detection of blood parasites. Shows examples of good and poor films.

PREPARE WITH CARE
15 min, 16mm film, optical sd, col 1969
Producer USPO
Title No. 615329 *Sale* $62.25

Provides an informational and motivational look at modern mail handling machines used in many U.S. Post Offices. Explains the importance of preparing U.S. Government mail properly for maximum service.

PREPARING A CUPOLA FOR CHARGING
21 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 436
Title No. 615410 *Rental* $7.50 Sale $37.00

Describes how to recognize the end of a heat. Gives procedures for dropping bottom and for preparing a cupola for its next heat.

From the *FOUNDRY WORK* series. Melting Practice.

PREPARING AND SETTING A KEELBLOCK AND BOTTOM CRADLE
18 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No.* OE 024
Title No. 003102 *Sale* $37.50

Describes use of base line, vertical centerline, buttock lines, waterlines, and frame lines in checking dimensions during ship construction. Tells how to lay a keelblock, use templates to make spauls, and erect a ship cradle.

From the *SHIPBUILDING SKILLS* series. Work of Ship- Fitter and Shipwright, No. 1

PREPARING FOR TOMORROW'S WORLD
26 min, 16mm film, optical sd, col 1969
Producer USAEC
Title No. 003104 *Sale* $88.00

Examines career possibilities for high school science students in the field of nuclear science.

PREPARING OLD BUILDINGS FOR WIRING
21 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 378
Title No. 615500 *Rental* $7.50 Sale $37.00

Discusses how to plan the wiring paths, visualize the obstructions, and prepare the paths for the wiring runs.

From the *ELECTRICAL WORK* series. Wiring, No. 7

* **PRESCHOOL LESSON IN CUED SPEECH, A**
7 min, 16mm film, optical sd, col
Producer USBEH
Title No. 000350 *Sale* $29.50

The film presents a short teaching segment which incorporates manipulative visuals, hand signs and language to 2-3 Yr. old hearing impaired children.

OTHER FORMAT(S) or VERSION(S)
7 min, s8mm cartridge, optical sd, col
Producer USBEH
Title No. 003712 *Sale* $25.75

* **PRESCRIBED BURNING IN THE SOUTH**
24 min, 16mm film, optical sd, col 1959
Producer USDA *Agency No.* 1354
Title No. 003779 *Sale* $108.00

Informs foresters and firesuppression crews as to be the objectives, planning, execution, and benefits of correct prescribed burning in pine forests of the southern United States.

PRESCRIPTION O T
22 min, 16mm film, optical sd, b&w 1959
Producer USVA
Title No. 003105 *Sale* $38.50

Orients resident physicians to occupational therapy, giving the prescription and explaining how occupational therapy carries out the prescription.

PRESCRIPTION ROSES
28 min, 16mm film, optical sd, col
Producer USHSMH
Title No. 003109 *Sale* $119.50

Acquaints medical and para-medical groups with the concept of comprehensive patient care.

PRESERVATION OF BACTERIA BY DESICCATION IN VACUO
11 min, 16mm film, optical sd, b&w 1949
Producer USNMAC *Agency No.* 4-102
Title No. 003110 *Sale* $19.25

Demonstrates the technique for desiccation in vacuo as a method of preservation for most bacteria. Recommended for professional use. User should supplement film with current data.

PRESIDENCY, THE
28 min, 16mm film, optical sd, b&w 1967
Producer USDOD *Agency No.* AFIF 0163
Title No. 615974 *Rental* $10.00 Sale $48.75

Depicts the evolution of the constitutional powers and day-to-day duties of the Office of President. Tells how Presidential powers and responsibilities have grown far beyond the dreams of the founding fathers and have become almost too burdensome for one person. Shows how Presidential decisions have shaped the character of our nation and even created turning points in history. Discusses the relationship of the Executive, Judicial and Legislative branches of government and points out the system of checks and balances maintained on the Presidential Office.

* **PRESIDENT PLANTS A TREE, THE**
7 min, 16mm film, optical sd, col 1958
Producer USDA *Agency No.* 1394
Title No. 616450 *Sale* $38.00

Describes and pictures the trees planted by Presidents on the White House lawn, includes views of President Eisenhower planting the tree of his choice.

PRESSURE SYSTEMS AND WIND
19 min, 16mm film, optical sd, col 1963
Producer USA *Agency No.* TF46-3274
Title No. 003111 *Sale* $65.00

Depicts phenomena of pressure systems and wind flow and how they affect weather and flight conditions.

* **PRESTRESSED CONCRETE PAVEMENT CONSTRUCTION**
25 min, 16mm film, optical sd, col 1973
Producer USFHWA
Title No. 000897 *Sale* $99.75

Shows a pictorial record of the first substantial section of prestressed concrete highway pavement built in the United States. The highway was built to test the practicality of the design and construction techniques and to gain added knowledge concerning maintenance requirements and construction costs.

* **PREVENTING COAL PNEUMOCONIOSIS THROUGH ENGINEERING CONTROLS**
21 min, 16mm film, optical sd, col 1971
Producer USBM
Title No. 003546 *Sale* $80.00

Dramatically describes and explains the causes, effects, and prevention of one of coal mining's most hazardous health problems-pneumoconiosis, or 'black lung.' Methods of detection, control, and suppression of respirable coal dust are suggested, along with the latest developments in environmental research and control.

PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE

NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

PREVENTION AND CONTROL OF STAPHYLOCCAL INFECTIONS
14 min, 16mm film, optical sd, b&w 1958
Producer USNMAC *Agency No.* M-0356
Title No. 001841 *Sale* $35.50
Presents an analysis of staphylococcal infections in hospitals, and emphasizes techniques and improved housekeeping procedures to follow in the control of these infections. User should supplement film with current data.

PREVENTIVE DENTISTRY - THE PREVENTION OF ORAL DISEASE
16 min, 16mm film, optical sd, col 1963
Producer USN *Agency No.* MN09868
Title No. 003113 *Sale* $66.00
Shows prevention of tooth decay and gum disease as well as beginning, progression and destruction of healthy tissue resulting from neglect.

PREVENTIVE DENTISTRY - THE PREVENTION OF ORAL DISEASE (SPANISH)
16 min, 16mm film, optical sd, col 1963
Producer USN *Agency No.* MN09868
Title No. 002163 *Sale* $66.00
Shows prevention of tooth decay and gum disease as well as beginning, progression and destruction of healthy tissue resulting from neglect.

PREVENTIVE MAINTENANCE OF SIGNAL EQUIPMENT FOR COMMANDERS
15 min, 16mm film, optical sd, b&w 1951
Producer USA *Agency No.* MF11-7915
Title No. 003103 *Sale* $27.00
Explains the procedures to be followed in the maintenance of ground signal equipment when in storage at army depots.

PREVENTIVE MEDICINE - A USAF TEAM IN ACTION
18 min, 16mm film, optical sd, col 1956
Producer USAF *Agency No.* TF01-8163
Title No. 003132 *Sale* $61.75
Explains the field of preventive medicine including mental hygiene, epidemics, water supply, food inspection, nutrition, and the control and prevention of communicable diseases. Gives an example of an Air Force team of preventive medicine officers analyzing, step-by-step, the cases of two officers who became very ill during a flight from Africa.

PRIMARY PILOT NAVIGATION
27 min, 16mm film, optical sd, col 1955
Producer USAF *Agency No.* TF1-4990
Title No. 003133 *Sale* $91.25
Emphasizes the importance of a flying cadet's first cross-country solo. Includes the pre-flight preparations and all details of the flight plan and the flight.

PRINCIPAL DIMENSIONS, REFERENCE SURFACES AND TOLERANCES
12 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 053
Title No. 618570 *Rental* $7.50 Sale $22.25
Shows the relationship between the blueprint and a rough and finished casting. Tells how to use a blueprint in selecting reference surfaces, interpret tolerances, and check the accuracy of finished work.
From the *MACHINE WORK SHOP* series. Fundamentals of Blueprint Reading, No. 3

PRINCIPLE OF MOMENTS
23 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 362
Title No. 618650 *Rental* $10.00 Sale $40.50
Explains the concept of moment of a force and presents the formula for finding its numerical value. Discusses the principle of moments as applied to all coplanar force systems.
From the *ENGINEERING* series. Fundamentals of Mechanics

*** PRINCIPLES AND PRACTICE OF CARDIOPULMONARY RESUSCITATION**
55 min, 16mm film, optical sd, b&w 1968
Producer USNMAC *Agency No.* T-1500
Title No. 002164 *Sale* $114.75
Shows a background of cardiopulmonary resuscitation given followed by purpose and requisites. Dr. Gordon then discusses exhaled air ventilation and external cardiac compression.
Suggested for Professional Groups Only.

*** PRINCIPLES OF COUNSELING**
24 min, audiotape cassette, 2 track, monaural 1972
Producer USNIMH
Title No. 002165
Available only as part of a series. Discusses some of to common obstacles to effective counseling and suggests some approaches that may be taken by the counselor to overcome them.
From the *PROFESSIONAL DRUG TAPE* series.

PRINCIPLES OF FRACTURE REDUCTION
31 min, 16mm film, optical sd, col 1953
Producer USVA
Title No. 003135 *Sale* $104.75
Shows by animation the anatomy in various fractures of the long bones, and demonstrates methods of reduction on individual fractures by traction, counter-traction, and suspension. Emphasizes that the principles of fracture reduction can be applied in any farm house with the materials at hand.

PRINCIPLES OF GAS-FILLED TUBES
15 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 353
Title No. 619400 *Rental* $7.50 Sale $27.00
Explains the theory of ionization applied to gas filled tubes and control of current in circuits employing gas-filled tubes.

PRINCIPLES OF GEARING - AN INTRODUCTION
18 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 363
Title No. 619450 *Rental* $7.50 Sale $32.00
Discusses friction gears and toothed gears. Explains the law of gearing, postive driving, pressure angle, involute profiles, cycloid profiles, velocity rates and circular pitch.
From the *ENGINEERING* series. Fundamentals of Mechanics

PRINCIPLES OF LEARNING
23 min, 16mm film, optical sd, b&w 1956
Producer USA *Agency No.* TF21-2301
Title No. 003136 *Rental* $10.00 Sale $40.50
Explains six principles of learning--motivation, objective, doing, realism, background, and appreciation--and emphasizes the importance of understanding and applying them during all phases of instruction.

PRINCIPLES OF LONG-TERM STEROID THERAPY
30 min, 16mm film, optical sd, b&w 1967
Producer USNMAC *Agency No.* T-1864-X
Title No. 003137 *Sale* $60.50
Studies complications and hazards of corticosteroid therapy. Suggests minimizing side effects by (1) achieving high local concentration and low systemic dosage via aerosol administration or (2) periodic administration of high doses systemically.

PRINCIPLES OF LUBRICATION
16 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 355
Title No. 619650 *Rental* $7.50 Sale $28.50
Discusses the need for lubrication and the properties, action and viscosity of lubricants. Describes conditions that determine proper viscosity.
From the *ENGINEERING* series.

PRINCIPLES OF OPERATION AND DESIGN
10 min, 16mm film, optical sd, b&w 1952
Producer USNMAC *Agency No.* M-0050-A
Title No. 003138 *Sale* $17.50
Explains the basic principles of the function, design, and layout of septic tanks for sewage disposal systems. Consist

* INDICATES NEW ENTRY

pictorially of graphics and models. User should supplement film with current data.

PRINCIPLES OF PAPERWORK MANAGEMENT
13 min, 16mm film, optical sd, col 1960
Producer USN *Agency No.* FN 9433-A
Title No. 003139 *Sale* $45.25
Describes the qualities of efficient, effective letter writing and suggests ways of obtaining these qualities.

PRINCIPLES OF PAPERWORK MANAGEMENT- MANAGING YOUR FORMS
17 min, 16mm film, optical sd, col 1960
Producer USN *Agency No.* FN 9433-D
Title No. 003142 *Sale* $58.50
Describes the efficient design and use of Navy forms and shows common errors. Outlines the procedure for obtaining well-designed forms.

PRINCIPLES OF PAPERWORK MANAGEMENT--BETTER CORRESPONDENCE PRACTICES
11 min, 16mm film, optical sd, col 1960
Producer USN *Agency No.* FN 9433-C
Title No. 003141 *Sale* $37.25
Describes nine ways of saving time and money in correspondence management.

PRINCIPLES OF PAPERWORK MANAGEMENT--MANAGING YOUR REPORTS
11 min, 16mm film, optical sd, col 1961
Producer USN *Agency No.* FN 9433-E
Title No. 003143 *Sale* $37.25
Describes common deficiencies which occur in reports and in reporting procedures. Describes areas of possible improvements such as quality of content, frequency and timing, preparation procedures, and cost.

PRINCIPLES OF PAPERWORK MANAGEMENT--MOVING THE MAIL
14 min, 16mm film, optical sd, col 1960
Producer USN *Agency No.* FN 9433-B
Title No. 003140 *Sale* $48.50
Discusses the administrative and supervisory problem of moving mail quickly and economically. shows fifteen ways of improving mail movements.

PRINCIPLES OF PAPERWORK MANAGEMENT--RECORDS DISPOSAL
15 min, 16mm film, optical sd, col 1961
Producer USN *Agency No.* FN 9433-F
Title No. 003144 *Sale* $51.75
Discusses the records disposal problem and suggests ways of solving it. Describes office management techniques for obtaining efficient use of storage space and providing for the correct disposal of records. Instroduces and briefly describes relevant Navy manuals.

PRINCIPLES OF REFRIGERATION
20 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 360
Title No. 619800 *Rental* $7.50 Sale $35.25
Explains the basic physics of heat transfer. Uses animation to show the compression and the absorption systems of refrigeration.

PRINCIPLES OF THERMAL, FAST, AND BREEDER, REACTORS
9 min, 16mm film, optical sd, col 1963
Producer USAEC
Title No. 003145 *Sale* $35.00
Uses animation to explain nuclear fission, chain reaction, and how to control this reaction in three basic types of reactors. Describes the principles of fast, thermal, and breeder ractors. Discusses the plutonium and thorium cycles, and the concepts of the concepts of the moderator and reflector.

PRINCIPLES OF X-RADIATION
16 min, 16mm film, optical sd, col 1963
Producer USVA *Agency No.* D-8-R
Title No. 003147 *Sale* $60.25
Emphasizes control of radiation exposure by means of filtering, use of fast film and increase of distance. Explains use of increased KV for optimal penetration, control of radiation exposure and improvement of image quality.

PRINTED CIRCUITS AND THEIR REPAIR
28 min, 16mm film, optical sd, col 1961
Producer USAF *Agency No.* TF1-5361
Title No. 003146 *Rental* $12.50 Sale $94.50
Explains that the accomplishment of many Air Force missions is dependent upon the reliability of printed circuits. Shows how to manufacture, clean, coat and dry printed circuits, and describes methods and tools used in their repair. Demonstrates how to remove and replace a faulty transistor and some types of emergency repair.

PRINTMAKERS
21 min, 16mm film, optical sd, col 1961
Producer USIA *Agency No.* 01-02502
Title No. 004380 *Rental* W/DRAWN Sale W/DRAWN
Features American graphic artists Worden Day, Seong Moy, Karl Schrag, Gabor Peterdi and Mauricio Lesansky. Explores in depth their works, demonstrating the creative ability and technical skills of each in his individual approach to the art of printmaking.

PROBING MIND
29 min, 16mm film, optical sd, b&w 1961
Producer USOE *Agency No.* OE 505
Title No. 620707 *Rental* $10.00 Sale $50.25
Illustrates the uses of new educational media-films, television, recordings, teaching machines and well-equipped laboratories in the teaching of high-school science.

PROBLEM OF HOOKWORM INFECTION, THE
8 min, 16mm film, optical sd, col 1954
Producer USNMAC *Agency No.* M-0157
Title No. 001355 *Sale* $27.75
Emphasizes the dangers of hookworm disease, and pictures the life cycle of the hookworm, conditions in a young girl.

*PROBLEMS IN ACADEMIC TASK PERFORMANCE, PT 1
6 min, 16mm film, optical sd, col
Producer USOE
Title No. 621290 *Sale* $22.75
Illustrates problems of the physically, multiply handicapped and demonstrates supportive devices for task performance. includes auditory sound production of written letter cues, letter production of auditory cues, blending sound and word reading.
From the *PROJECT SPOT* series.

OTHER FORMAT(S) or VERSION(S)
7 min, 16mm film, optical sd, col 1970
Producer USOE
Title No. 002166 *Rental* $7.50 Sale $22.75

PROBLEMS IN DIAGNOSIS AND MANAGEMENT OF HYPOTHYROIDISM
40 min, 16mm film, optical sd, b&w 1964
Producer USNMAC *Agency No.* T-1825-X
Title No. 003149 *Sale* $80.25
Presents a patient with severe myxedema secondary to pituitary tumor. Describes the clinical procedure and laboratory findings common to primary and pituitary myxedema. Explains etiologies and importance of differential diagnosis.

*PROBLEMS IN SELF-HELP TASK PERFORMANCE, PT 2
6 min, 16mm film, optical sd, col 1970
Producer USOE
Title No. 002167 *Rental* $7.50 Sale $19.50
Shows handicapped children attempting to perform certain self-help tasks. The observation guide presents a system of observing and analyzing which parts of the tasks were performed successfully by the student, and which were not. Once the incomplete parts of a task are described, the viewer can decide upon an appropriate teaching strategy.
From the *SYSTEMS FOR PRECISE OBSERVATIONS FOR TEACHERS* Series.

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PROBLEMS IN THE MANAGEMENT OF GRAVES' DISEASE
40 min, 16mm film, optical sd, b&w 1964
Producer USNMAC *Agency No* T-1816-X
Title No 003150 *Sale* $67.50
Follows a case of exophthalmic goiter, discussing complications and therapeutics.

PROBLEMS OF ANEMIA
40 min, 16mm film, optical sd, b&w 1965
Producer USNMAC *Agency No* T-1840-X
Title No 003151 *Sale* $78.50
Defines anemia in terms of the signs and symptoms it may cause to the measureable deficiency of hemoglobin. Explains the classification of anemia by cause, and stresses when anemia should not be treated.

***PROBLEMS OF SELF-HELP TASK PERFORMANCE, PT 2**
5 min, 16mm film, optical sd, col
Producer USOE
Title No 621590 *Sale* $19.50
Illustrates problems of the physically, multiply handicapped and demonstrates supportive devices for task performance. Includes manipulation into standing desk and putting on jacket.
From the *PROJECT SPOT* series.

PROCESS OF COMMUNICATION, THE
46 min, 16mm film, optical sd, b&w 1966
Producer USOE
Title No 003152 *Rental* $15.00 Sale $88.75
Explores the process of communication beginning with an animated theoretical model, followed by sequences which progressively elaborate and illuminate the theory through illustrations drawn from communications networks in military, industrial, research, and teaching settings. Produced by the Ohio State University Department of Photography for the Office of Education.
From the *COMMUNICATION THEORY AND THE NEW EDUCATIONAL Media Series.*

PROCESS OF COMMUNICATION, THE (SPANISH)
46 min, 16mm film, optical sd, b&w 1966
Producer USOE
Title No 003153 *Rental* $15.00 Sale $88.75
Explores the process of communication beginning with an animated theoretical model, followed by sequences which progressively elaborate and illuminate the theory through illustrations drawn from communications networks in military, industrial, research, and teaching settings. Produced by the Ohio State University Department of Photography for the Office of Education.
From the *COMMUNICATION THEORY AND THE NEW EDUCATIONAL Media Series.*

PROCUREMENT SOURCE SELECTION
20 min, 16mm film, optical sd, col 1967
Producer USA *Agency No* MF 38-5154
Title No 003154 *Sale* $68.25
Explains how the Defense Department and the Army select the source from which a major procurement will be obtained.

***PRODUCTION CREDIT DOES THE JOB**
27 min, 16mm film, optical sd, col 1953
Producer USDA *Agency No* 1146
Title No 622275 *Sale* $138.00
Explains functions and operations of production credit associations authorized in the 1933 Farm Credit Act.

***PROFESSIONAL DRUG FILMS - A SERIES**
118 min, 16mm film, optical sd, col 1971
Producer USNIMH
Title No 002169 *Rental* $80.00 Sale $358.25
A series of nine motion pictures for health and social service professionals concerned with drug abuse prevention and treatment.

DRUG DIALOGUE--ORIENTATION
BUNNY
GUY
TOM
RICK--FILE X-258375
TREATMENT--NEW TEAMS
DRUG DIALOGUE--INVOLVEMENT
CONFRONTATION--A NURSE AND A DRUG ADDICT
COUNSELING--A CRITICAL INCIDENT

***PROFESSIONAL DRUG TAPES - A SERIES**
194 min, audiotape cassette, 2-track, monaural 1972
Producer USNIMH
Title No 002956 *Sale* $10.00
A series of eight talks on four cassette audio tapes for health and social service professionals concerned with drug abuse prevention and treatment.

ABUSE OF STIMULANTS, DEPRESSANTS AND --
ANESTHETICS
BAD TRIP, THE
HALLUCINOGENS
HISTORY OF DRUG ABUSE AND LEGAL CONTROL
MARIHUANA
METHODONE MAINTENANCE
NARCOTICS
PRINCIPLES OF COUNSELING

PROGRAMMED INSTRUCTION - THE DEVELOPMENT PROCESS
19 min, 16mm film, optical sd, col
Producer USOE *Agency No* OE 508
Title No 003155 *Rental* $10.00 Sale $65.00
Introduces the viewer to the major stages in the development of programmed instructional materials with primary emphasis on student tryouts and revisions leading to lasting and influential effects on education.

PROGRAMMED INSTRUCTION - THE DEVELOPMENT PROCESS (SPANISH)
19 min, 16mm film, optical sd, col
Producer USOE *Agency No* OE 508
Title No 003156 *Rental* $10.00 Sale $65.00
Introduces the viewer to the major stages in the development of programmed instructional materials with primary emphasis on student tryouts and revisions leading to lasting and influential effects on education.

PROGRAMMED INSTRUCTION - THE TEACHER'S ROLE-- A SERIES
54 min, 16mm film, optical sd, b&w 1966
Producer USOE *Agency No* OE 507
Title No 003157 *Sale* $95.50
A series of five short films designed to stimulate teacher discussion of the various uses of programmed instruction in teaching the following subjects--

FIRST GRADE READING
THIRD GRADE SCIENCE
FOURTH GRADE VOCABULARY
FIFTH GRADE GEOGRAPHY
EIGHTH GRADE MATHEMATICS

PROGRAMMED INSTRUCTION - THE TEACHER'S ROLE-- A SERIES (SPANISH)
54 min, 16mm film, optical sd, b&w 1966
Producer USOE *Agency No* OE 507
Title No 003158 *Sale* $95.50
A series of five short films designed to stimulate teacher discussion of the various uses of programmed instruction.

PROGRAMMED INSTRUCTION AND APHASIA REHABILITATION
40 min, 16mm film, optical sd, b&w 1965
Producer USNMAC *Agency No* M-0886
Title No 004381 *Sale* W/DRAWN
A four part film showing the programmed rehabilitation processes in teaching an aphasiac patient how to learn.

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Sessions devoted to imitation and visual recognition, auditory comprehension, speech, and writing

PROGRAMMED LEARNING IN THE UNITED STATES AIR FORCE
26 min, 16mm film, optical sd, col 1963
Producer USAF *Agency No* TF 5525
Title No 003159 *Sale* $88.00
Describes principles of programmed learning and explains how the Air Force is using this revolutionary teaching method to increase quality and quanity of Air Force instructions with a decrease in training cost
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PROGRESS IN ALL TRAFFIC CONTROL
20 min, 16mm film, optical sd, col 1966
Producer USAF *Agency No* SFP 1428
Title No 003162 *Sale* $68.25
Briefly reviews the history of air traffic control and depicts techniques and systems presently in operation. Describes plans for improved future control and conservation of air space to handle increasing air traffic

PROJECT DUGOUT
9 min, 16mm film, optical sd, col 1964
Producer USAEC
Title No 003160 *Sale* $65.25
Describes the purpose and objectives of the experiment, previous work with single-charge underground explosions, preparations for the detonation, and resulting row crater

PROJECT ECHO
27 min, 16mm film, optical sd, col 1960
Producer USNASA *Agency No* HQ 024
Title No 003161 *Sale* $105.75
Tells the story of the Echo spacecraft and launch vehicles Thor-delta I and Thor-delta II which placed Echo I, a 100 foot sphere in orbit as a passive communications satellite in 1960

PROJECT GASBUGGY—THE RESOURCEFUL ATOM
15 min, 16mm film, optical sd, col 1968
Producer USAEC
Title No 001362 *Sale* $78.25
Describes a project, involving government and industry, to study whether nuclear explosions can be safely used to perform massive underground engineering tasks for more efficient recovery of natural resources

***PROJECT GEMINI HIGHLIGHTS**
38 min, 1/4 in. audiotape, full-track, monaural 1972
Producer USNASA
Title No 002171 *Sale* $7.50
Highlights the flights of projects Gemini 3 through 12, including the first-two-man space flight, the first walk in space, the eight-day flight, the first successful space rendezvous, the longest manned orbital flight, the first docking of two vehicles in space, and the altitude records

PROJECT GNOME
29 min, 16mm film, optical sd, col 1963
Producer USAEC
Title No 003163 *Sale* $189.25
Provides a technical report on project Gnome, the first experiment of the Atomic Energy Commission's Plowshare Program to study peaceful applications of nuclear explosives. Uses animation to illustrate the basic goals of the program. Discusses the phenomenology of a nuclear explosion in a dry salt medium, power and isotope production studies, and and neutron physics experiments

***PROJECT MERCURY HIGHLIGHTS**
25 min, 1/4 in. audiotape, full-track, monaural 1972
Producer USNASA
Title No 002172 *Sale* $7.50
Highlights the flights of project Mercury 3 through 9 from April, 1961 through May, 1963. Each excerpt is identified in advance by a brief introductory narrative

PROJECT ROVER
22 min, 16mm film, optical sd, col 1963
Producer USAEC
Title No 003164 *Sale* $73.50
Gives an animated explanation of the principle of the nuclear rocket to demonstrate the advantages of the nuclear rocket system. Surveys the design, fabrication, and testing of a Kiwi non-flying test reactor at the Los Alamos scientific laboratory in Nevada

PROJECT SALT VAULT
11 min, 16mm film, optical sd, col 1969
Producer USAEC
Title No 003165 *Sale* $49.25
Shows equipment and procedures required for the permanent, safe, and economical disposal of high level radioactive wastes from nuclear power plants. Project salt vault deals with a two year study carried out by USAEC's Oak Ridge National Laboratory on the feasibility of permanent disposal of these high-livel wastes in vacated salt mines, and the key steps in such disposal at an abandoned salt mine in Kansas

PROJECT SEDAN
8 min, 16mm film, optical sd, col 1962
Producer USAEC
Title No 003166 *Sale* $54.75
Discusses the relationships between depth of explosion to crater size and to containment of radioactivity. Features slow motion shots of the detonation. Relates the experiment to possible large-scale excavation projects such as harbors and canals

PROJECT SHOAL
18 min, 16mm film, optical sd, col 1964
Producer USAEC
Title No 003167 *Sale* $74.00
Describes the selection of the test site near Fallon, Nevada - the pre-shot preparations to insure public safety and to inform the citizens of Fallon of the proposed shot - the reaction of various city groups to the test - the seismic station program - instrumentation - and the results of the detonation

PROJECT SLUSH
21 min, 16mm film, optical sd, col 1963
Producer USFAA *Agency No* FA-217
Title No 003168 *Sale* $75.50
Reports the tests conducted at NAFEC using the 880 jet aircraft to determine the effects of slush on jet in acceleration for takeoff
CLEARED FOR TV

***PROJECT SPOT--A SERIES**
24 min, 16mm film, optical sd, col
Producer USBEH
Title No 003423 *Sale* $107.25
Systems of precise observations for teachers is a 3-part demonstration which illustrates problems of the physically, multiply handicapped and demonstrates supportive devices for task performance

PROBLEMS IN ACADEMIC TASK PERFORMANCE, PT 1
PROBLEMS IN SELF-HELP TASK PERFORMANCE, PT 2
DEVICES FOR SELF-HELP TASK PERFORMANCE, PT 3

PROPERTIES OF PANCREATIC LIPASE
25 2x2 slides, 1/4 in. audiotape, col 1969
Producer USNMAC *Agency No* S-1731-X
Title No 003170 *Sale* $7.00
Emphasizes the specificity of the enzyme for esters of primary alcohol groups and describes the kinetics of reaction of the sequential products
From the *FAT ABSORPTION IN HEALTH AND DISEASE* series

PROPERTIES OF RADIATION
68 min, 16mm film, optical sd, b&w 1952
Producer USA *Agency No* PMF 5145-B
Title No 003169 *Sale* $118.00
Explains the characteristics and properties of primary and

* INDICATES NEW ENTRY

secondary nuclear radiations in terms of their ionizing effects. Introduces concepts concerning the effect of matter on radiation so that absorbing materials can be used to measure radiation characteristics.

***PROSPECT OF TURKEY**
32 min, 16mm film, optical sd, col 1967
Producer NATO
Title No 002949 *Rental* $12.50 Sale $129.00
A study of the condition and present-day Turkey, its successive cultures through the ages, its technical and economic developments, and its military contribution to western collective security.

PROSTHETIC ABOVE-KNEE SOCKETS, PT 3
9 min, 16mm film, optical sd, col 1970
Producer USNMAC *Agency No* M-1792
Title No 006441 *Sale* $37.25
Describes in detail the quadrilateral or anatomical socket used with above-knee amputations and shows the importance of having the socket fit the stump correctly. Three different methods of suspension are shown.

PROSTHETIC BELOW-KNEE SOCKETS, PT 4
6 min, 16mm film, optical sd, col 1970
Producer USNMAC *Agency No* M-1793
Title No 003172 *Sale* $26.25
Explains the various qualities of three different below-knee prosthetic sockets and shows each of these being worn by a patient.

PROSTHETIC FOOT COMPONENTS, PT 1
7 min, 16mm film, optical sd, col 1970
Producer USNMAC *Agency No* M-1790
Title No 003173 *Sale* $29.50
Reviews the various aspects of four types of foot-ankle components and presents patients wearing each of these types.

PROSTHETIC KNEE COMPONENTS, PT 2
8 min, 16mm film, optical sd, col 1970
Producer USNMAC *Agency No* M-1791
Title No 003174 *Sale* $31.25
Describes the various qualities of five different knee joints which may be used by the patient with an above-knee amputation.

PROTECTED SCHOOL, THE
5 min, 16mm film, optical sd, b&w 1965
Producer USOCD *Agency No* DODCD05-235
Title No 003175 *Sale* $10.25
Tells the story of the United Consolidated high school built in Webb County, Texas. Tells about the entire school system and who works in this fallout-protected schoolhouse. It is featured in OCD 'Science For survival' exhibits.
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***PROTECTION AGAINST RADIOACTIVITY IN URANIUM MINES**
27 min, 16mm film, optical sd, col 1969
Producer USBM
Title No 003545 *Sale* $105.50
Presents general description of the radon daughter hazards in uranium mines and outlines the environmental control, principles and procedures which have proven effective in mitigating the hazard. Underground mining scenes show where and how the hazard can originate, and various methods of ventilation are shown on how to correct the condition.
PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15213. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

***PSOROPTIC SHEEP AND CATTLE SCABIES**
12 min, 16mm film, optical sd, col 1956
Producer USDA *Agency No* 1260-9
Title No 003778 *Sale* $53.00
Describes the history of the disease in the United States, symptoms in cattle and sheep affected with psoroptic scabies, loss of wood and hair, evidence of itching and irritation, and demonstration of causative mites including photomicrography of the mite. Methods of treating infected and exposed animals are also shown, and the principles of sound scabies eradication procedures are outlined.

***PSYCHOLOGICAL HAZARDS IN INFANCY**
22 min, 16mm film, optical sd, b&w 1970
Producer USDHEW
Title No 002173 *Sale* $47.75
Presents how in group care and at home, the vital experiences and learnings of infancy may be hampered by inadequate stimulation, insufficient warm attention from adults, or inappropriate handling which is not geared to changing developmental needs. Mild and severe psychological damage and suggests means of prevention.

PSYCHOTHERAPEUTIC INTERVIEWING - INTRODUCTION
11 min, 16mm film, optical sd, b&w 1950
Producer USVA
Title No 003176 *Sale* $19.25
Explains basic principles of the doctor-patient relationship, and the structure and goals of the psychotherapeutic interview.

PSYCHOTHERAPEUTIC INTERVIEWING - METHOD OF PROCEDURE
32 min, 16mm film, optical sd, b&w 1950
Producer USVA
Title No 003177 *Sale* $55.25
Depicts an interview between a patient and a psychiatrist, analyzes the principles and methods employed in the interview, and emphasizes the importance of the doctor-patient relationship-planning in term of goals, focusing upon relevant topics, and minimal activity on the part of the doctor.

PUBLIC HEALTH ASPECTS OF MIGRANT WORKERS, THE
16 min, 16mm film, optical sd, b&w 1955
Producer USNMAC *Agency No* M-0194
Title No 004382 *Sale* W/DRAWN
Shows how communicable diseases can be discovered and controlled in the migrant labor group, and explains the problem of disease control created through the migration of laborers.

PUBLIC HEALTH ASPECTS OF POULTRY PROCESSING
23 min, 16mm film, optical sd, col 1958
Producer USNMAC *Agency No* M-0199
Title No 003178 *Sale* $78.25
associated with the processing, storage, transportation, and sale of commercially processed poultry. Recommends enforcement of the poultry sanitation ordinance developed by the U S Public Health Service in co-operation with state and local agencies.

***PUBLIC HEALTH NURSING IN COMMUNICABLE DISEASE CONTROL**
49 fr, 35mm filmstrip, silent, col 1960
Producer USNMAC
Title No 002174 *Sale* $5.50
Explains the role of the Public Health Nurse in the control of communicable diseases - and portrays her activities and responsibilities to the the patient, family, community, physican, pulic health agency, and to herself.

PUBLIC HEALTH PROBLEMS IN MASS EVACUATION
13 min, 16mm film, optical sd, b&w 1957
Producer USNMAC *Agency No* M-0220
Title No 003179 *Sale* $23.75
Explains the public health problems attending the mass evacuation of an urban population,including--mass feeding, water supply, medical care, waste and sewage disposal, and disease outbreaks. User should supplement film with current data.

PUBLIC WORKS AND PUBLIC UTILITIES--CONTROL OF CORROSION BY CATHODE PROTECTION - BURIED...
19 min, 16mm film, optical sd, col 1960
Producer USN *Agency No* MN 8131-E
Title No 003180 *Sale* $65.00
FULL TITLE--PUBLIC WORK AND PUBLIC UTILITIES--CONTROL OF CORROSION BY CATHODE PROTECTION - BURIED METAL STRUCTURES. Shows methods of determining the need for installing cathodic protective systems. Demonstrates installation, adjustments, and operational inspections required for the galvanic anode system and the impressed current system.

● PUERTO RICO - MORE OR LESS
22 min, 16mm film, optical sd, col 1972
Producer USDA *Agency No* 9920
Title No 005293 *Sale* $115.00
Shows many of the beauties of Puerto Rico, then animals to the people to enhance their island through planting trees and preserving other natural resources. It show the work of the Institute of Tropical Forestry and the research that is being carried on to improve the forests of Puerto Rico.

PULLING AND INSTALLING CABLE AND PACKING TERMINAL TUBES
16 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 113
Title No 627710 *Sale* $33.25
Tells how to pull, strap, and straighten cable. Describes how to prepare cable for pushing and for pulling with a rope, and pack terminal tubes.
From the *SHIPBUILDING SKILLS* series. Marine Electricity, No. 4

PULMONARY CRYPTOCOCCOSIS
16 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No* T-1891
Title No 003181 *Sale* $28.50
Presents a brief but comprehensive review of the epidemiology of pulmonary cryptococcosis as well as the clinical and radiologic findings. The laboratory techniques for the isolation and identification of the etiologic agent are also discussed. Cryptococcosis neoformans, and the significance of serologic studies in the diagnosis and treatment of this disease are discussed. (Kinescope)

PULMONARY DISEASE CONFERENCE, PT 1
30 min, 16mm film, optical sd, b&w 1967
Producer USNMAC *Agency No* T-1861-X
Title No 003182 *Sale* $60.50
Discusses complaints which patients usually bring to their doctors--cough, shortness of breath, chest pain, hemoptysis, or an unsuspected X-ray. Discussed by Doctors Theodore L Badger,george W B Starkey, Kenneth T Bird, and Lloyd E Hawes of the Harvard medical school. (Kinescope)

PULMONARY DISEASE CONFERENCE, PT 2
30 min, 16mm film, optical sd, b&w 1967
Producer USNMAC *Agency No* T-1862-X
Title No 003183 *Sale* $60.50
Continues discussion of complaints which patients usually bring to their doctors.

PULMONARY HISTOPLASMOSIS
30 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No* T-1692
Title No 003184 *Sale* $62.50
Discusses pulmonary histoplasmosis, its spectrum etiology, epidemiology, distribution, clinical forms, and radiologic findings. Techniques for the isolation and identification of H capsulatum are shown and discussed as well as serologic findings, histopathology and treatment. (Kinescope)

PULMONARY MYCOSIS, PT 1, BLASTOMYCOSIS
12 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No* T-1744
Title No 003185 *Sale* $26.75
Systemic blastomycosis is defined as a chronic granulomatous mycosis primarily in the lungs. Early symptomatology is presented. Differential diagnosis is discussed. Epidemiology and concurrent factors, such as race, sex, age are indicated. Isolation and identification are discussed along with histopathological examination of tissue. Briefly discusses therapeutic approaches. (Kinescope)

PULSE MODULATION
26 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-902
Title No 003186 *Sale* $54.75
Discusses the basic principles of pulse modulation with emphasis on these terms--pulse repetition frequency, pulse width, peak power, average power, duty cycle, and pulse repetition time. Through the use of graphics, explains the block diagram of a pulse modulated transmitter showing the waveshapes out of each block. (Kinescope)

PUSH-PULL AMPLIFIER
30 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-416
Title No 003187 *Sale* $62.50
Illustrates the schematic of a power amplifier, the push-pull type, and discusses the purpose and identity of its components. Shows the output waveshape and signal flow, and compares the three classes of operation (A, B, and C) to fidelity, harmonics, and efficiency. Shows how the probable trouble is determined, based on the various symptoms. (Kinescope)

OTHER FORMAT(S) or VERSION(S)
32 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-328
Title No 003188 *Sale* $66.50

QUADRIPARETIC PATIENT, THE - TRANSFER FROM WHEELCHAIR TO CAR AND REVERSE
8 min, 16mm film, optical sd, col 1970
Producer USNMAC *Agency No* M-1786
Title No 003189 *Sale* $33.50
Demonstrates use of the sliding board for transfer between wheelchair and car.

QUADRUPARETIC PATIENT, THE - CHANGING POSITION AND SITTING UP IN BED
7 min, 16mm film, optical sd, col 1968
Producer USNMAC *Agency No* M-1555
Title No 003190 *Sale* $24.50
Shows how the quadruparetic patient can move to one side and roll over in bed. Also shows how patient learns to sit up.

QUADRUPARETIC PATIENT, THE - SITTING BALANCE IN BED
9 min, 16mm film, optical sd, col 1968
Producer USNMAC *Agency No* M-1554
Title No 003191 *Sale* $31.00
Shows how the quadruparetic patient learns to move his extremities and trunk while sitting in bed.

QUADRUPARETIC PATIENT, THE - TRANSFER FROM BED TO WHEELCHAIR USING A SLIDING BOARD
7 min, 16mm film, optical sd, col 1968
Producer USNMAC *Agency No* M-1552
Title No 003192 *Sale* $22.75
Shows techniques used in transfer of the quadruparetic patient between bed and wheelchair with the use of a sliding board.

QUALITY PROGRAMS AND INSPECTION SYSTEM REQUIREMENTS - QUALITY PROGRAM...
29 min, 16mm film, optical sd, b&w 1964
Producer USAF *Agency No* FR 0440
Title No 003193 *Sale* $60.50
FULL TITLE - QUALITY PROGRAMS AND INSPECTION SYSTEM REQUIREMENTS - QUALITY PROGRAM MIL-Q9858A, INSPECTION SYSTEM MIL-145208A - SHOWS MILITARY AND CIVILIAN PANEL REVIEW DEPARTMENT OF DEFENSE SPECIFICATIONS FOR CON- QUALITY PROGRAM AND INSPECTION SYSTEM. The group explores use and advantages of these specifications.
CLEARED FOR TV

QUARTERMASTER QUALITY CONTROL FOR GENERAL SUPPLIES AND PARTS
17 min, 16mm film, optical sd, b&w 1959
Producer USA *Agency No* MF10-9022
Title No 003194 *Sale* $36.75
Presents analysis and benefits of new quality control system as it applies to tableware manufacture. Gives inspection requirements and necessary records before, during and after production.

QUIET BATTLE
28 min, 16mm film, optical sd, col 1964
Producer USAID
Title No 630940 *Sale* $83.00
Portrays the U.S. foreign Assistance Program at work, helping the people of the developing nations in their long struggle to achieve a better life For themselves and their children. Shows how the quiet battle was won in Greece and Taiwan and how it still goes on in other parts of the free world.
CLEARED FOR TV

QUIET SUMMER, THE
28 min, 16mm film, optical sd, b&w 1965
Producer USOJD
Title No 630960 *Sale* $67.25
Describes how in 1965, a summer project operated by youth, ended annual youth rioting in Hampton Beach, New Hampshire.

QUIET WARRIOR, THE
28 min, 16mm film, optical sd, col 1968
Producer USN *Agency No* MN10552
Title No 003195 *Sale* $111.75
Tells the story of a Naval Air Reserve Squadron and how these reservist-citizens keep in readiness by training on weekends.

QUIETING A NOISY REFRIGERATOR
16 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 447
Title No 630990 *Rental* $7.50 Sale $28.50
Shows how to check and correct compressor and motor noises, noises caused by wear or looseness of parts and noises caused by high head pressure or an oil-logged evaporator.
From the *REFRIGERATION SERVICE* series. Domestic Units, No. 10

R-A-P - RADIOLOGICAL ASSISTANCE PROGRAM - TEAMWORK IN EMERGENCIES
27 min, 16mm film, optical sd, col 1965
Producer USAEC
Title No 003196 *Sale* $97.75
Documents the readiness, operations, and proficiency of radiological assistance teams in various emergency situations. Shows how to deal with the problems of radioactive materials.

RABBETING AND SHAPING AN EDGE ON STRAIGHT STOCK
18 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 318
Title No 631150 *Rental* $7.50 Sale $32.00
Explains the principles of the shaper operation. Shows how to set up a machine for cutting rabbets and for shape molding, and describes the process.
From the *PRECISION WOOD MACHINING* series. Operations On a Spindle Shaper

RABIES CONTROL IN THE COMMUNITY
11 min, 16mm film, optical sd, b&w 1956
Producer USNMAC *Agency No* M-0183
Title No 631500 *Sale* $19.25
Shows actual cases of rabies in both humans and dogs, how apathy of dog owners can permit rabies to become a community problem, and how concerted community action can prevent rabies.
CLEARED FOR TV

RABIES CONTROL IN THE COMMUNITY (SPANISH)
11 min, 16mm film, optical sd, b&w 1956
Producer USNMAC *Agency No* M-0183-SP
Title No 003197 *Sale* $19.25
Shows actual cases of rabies in both humans and dogs, how apathy of dog owners can permit rabies to become a community problem, and how concerted community action can prevent rabies.

RABIES F-A STAINING
8 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No* M-0763
Title No 003198 *Sale* $27.75
Demonstrates the technique of staining brain impressions with fluorescent antibody for the detection of negri bodies.

RADAR EYES THE WEATHER, PT A - FUNDAMENTALS OF RADAR METEOROLOGY
25 min, 16mm film, optical sd, b&w 1961
Producer USAF *Agency No* TF01-5344A
Title No 003199 *Sale* $43.75
Discusses the basic principles of radar meteorology. Explains reflectivity and factors affecting it, such as hydrometers and precipitation attenuation. Demonstrates use of the PPI and RHI scope. Shows various types of clouds and describes their characteristics.

RADAR SET AN/PPS-5 - OPERATION AND MANPACKING
25 min, 16mm film, optical sd, col 1968
Producer USA *Agency No* TF11-3932
Title No 003200 *Sale* $101.75
Shows components, assembly, and emplacement of the set. Tells how it is operated to detect, locate, identify moving targets through visual and aural radar signals. Shows disassembly and manpacking the equipment for movement to next surveillance site.

RADIATION AND PUBLIC HEALTH
25 min, 16mm film, optical sd, col 1968
Producer USNMAC *Agency No* M-1576
Title No 003201 *Sale:* W/DRAWN
Describes the current activities of the Division of Radiological Health, U. S. Public Health Service, directed toward the development of a nation-wide federal-state health agency program capable of insuring that the benefits of radiation are accrued with a minimum of health risks to the public.

***RADIATION DETECTION BY IONIZATION**
3 min, 16mm film, optical sd, b&w 1962
Producer USAEC
Title No 006442 *Sale* $52.00
Describes the basic principles of ionization detectors particularly in relation to the pulse height as a function of voltage curves. Brief descriptions of ionization chambers, proportional counters, and geiger counters are included, and examples of instruments operating in these regions are shown.
From the *UNDERSTANDING THE ATOM* series.

***RADIATION DETECTION BY SCINTILLATION**
30 min, 16mm film, optical sd, b&w 1962
Producer USAEC
Title No 003203 *Sale* $52.00
Shows a short review of gamma interactions with matter with particular reference to useful scintillation crystals. The scintillation process is described, and the efficiency of the conversion of gamma radiation to visible light in the scintillator is discussed.
From the *UNDERSTANDING THE ATOM* series.

RADIATION EFFECTS IN CHEMISTRY
13 min, 16mm film, optical sd, col 1964
Producer USAEC
Title No 003204 *Sale* $46.25
Explains the chemical reactions which are initiated by radiation. Examines the sensitive and highspeed techniques, such as spectrometry and electron spin resonance, that are involved in the study of the mechanisms which produce these reactions.

***RADIATION EFFECTS ON FARM ANIMALS**
13 min, 16mm film, optical sd, col 1964
Producer USDA *Agency No.* 4177
Title No. 632249 *Sale* $67.00
Provides information on the immediate effects of high radiation exposure received by farm animals over a short periods of time shows Symptoms of pathological changes caused by radiation and the amount and rate of radiatin exposure. shows The effect of radiation on four systems of the body--circulatory, digestive, respiratory and nervous. illustrates damage and regeneratin of body cells.

RADIATION IN PERSPECTIVE
43 min, 16mm film, optical sd, col 1963
Producer USAEC
Title No. 003205 *Sale* W/DRAWN
Summarizes some of the beneficial uses of radioactive orterials in medicine , agriculture, industry, systems for nuclear auxiliary power, and food sterilization that justify acceptance of the hazard.

RADIATION PROTECTION IN NUCLEAR MEDICINE
43 min, 16mm film, optical sd, col 1961
Producer USN *Agency No.* MN09419
Title No. 003206 *Sale* $164.25
Demonstrates the procedures devised for naval hospitals to protect against the gamma radiation emitted from materials used in radiation therapy. However, its principles are applicable in all hospitals.
LIMITED SALE AND EXHIBITION

RADIATION SAFETY IN NUCLEAR ENERGY EXPLORATIONS
24 min, 16mm film, optical sd, col 1962
Producer USNMAC *Agency No.* M-0461
Title No. 632350 *Sale* $81.50
Depicts the activities of the division of radiological health of the public health service, showing public health programs designed for protection against radiation.

RADIO ANTENNAS - CREATION AND BEHAVIOR OF RADIO WAVES
12 min, 16mm film, optical sd, b&w 1942
Producer USAF *Agency No.* TF01-0474
Title No. 632550 *Sale* $26.25
Explains electric and magnetic fields, generation of electromagnetic waves, behavior of radio waves in space, ground waves, reflection and refraction, the ionosphere, and causes of fading.

RADIO ASTRONOMY EXPLORER
30 min, 16mm film, optical sd, col 1968
Producer USNASA *Agency No.* HQA 186
Title No. 632605 *Sale* $117.25
Describes the design and function of the new radio astronomy explorer, a spacecraft with 1500-foot antennas which will detect and relay various types of radio waves emitted by the Sun, Earth and the planet Jupiter.

***RADIO INTERFERENCE FROM RURAL POWER LINES**
45 min, 16mm film, optical sd, b&w 1953
Producer USDA *Agency No.* 1179
Title No. 632710 *Sale* $87.00
Demonstrates, using models, charts and blackboard, the causes of radio interference from power lines in rural areas. For the training of employees of rural electrification cooperatives.

RADIO MAN FIGHT, THE
10 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN 2621A
Title No. 632730 *Sale* $17.50
Follows the course of a message from Washington, D. C. To a tast force flagship at Guadalcanal. Explains the importance of radio in the Navy, and presents an overall picture of the training and duties expected of each radioman.

RADIO RELAY EQUIPMENT AN/TRC-35 AND -36, PART IV - SYSTEM LINEUP PROCEDURES
24 min, 16mm film, optical sd, b&w 1959
Producer USA *Agency No.* TF11-2766
Title No. 632765 *Sale* $42.25
Explains features and function of an/trc-35 and -36 procedures for radio system lineup and overall system lineup when radio relay equipment is used with telephone carrier equipment.

RADIO SETS AN/GRC 3, 4, 5, 6, 7, AND 8
17 min, 16mm film, optical sd, b&w 1952
Producer USA *Agency No.* TF11-1793
Title No. 003207 *Sale* $30.50
Explains the characteristics, components and mechanical operation of the Army-Navy radio sets in the GRC (Ground Radio Control) classification.

RADIO SHOP TECHNIQUES
38 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN 1540E
Title No. 632800 *Sale* $65.25
Shows tools used by a radio technician and demonstrates orthographic projection, layouts, sawing and filing drilling, bending metal, wiring, and soldering making a regenerative receiver.

RADIOACTIVE FALLOUT AND SHELTER
28 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No.* M-0796
Title No. 003208 *Sale* $93.00
Teaches the individual how to take care of his medical and health needs in time of disaster when medical assistance might not be readily available.
From the *MEDICAL SELF-HELP* series.
REQUEST WRITTEN PERMISSION FROM THE CHIEF OF TRAINING, DIVISION OF EMERGENCY HEALTH SERVICES, HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION, U S DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, 6525 BELCREST ROAD, WEST HYATTSVILLE, MADRYLAND 20782. AFTER PERMISSION HAS BEEN OBTAINED, ATTACH TO THE PURCHASE ORDER A STATEMENT OF APPROVAL AND SEND TO N A C.

RADIOACTIVE WASTE DISPOSAL
24 min, 16mm film, optical sd, col 1961
Producer USNMAC *Agency No.* M-0443
Title No. 003209 *Sale* $81.50
Shows extreme precautions used at the national institute of health in handling radioactive waste and the care used in its ultimate disposal in the ocean.

***RADIOISOTOPE APPLICATIONS IN INDUSTRY**
27 min, 16mm film, optical sd, b&w 1964
Producer USAEC
Title No. 003210 *Sale* $50.75
Discusses some of the practical, simple, and easily understood methods of putting radioistotopes to work in industry.
From the *UNDERSTANDING THE ATOM* series.

***RADIOISOTOPE APPLICATIONS IN MEDICINE**
26 min, 16mm film, optical sd, b&w 1964
Producer USAEC
Title No. 003211 *Sale* $50.75
Traces the development of the use of radioisotopes and radiation in the field of medicine from the early work by hevesy to the present.
From the *UNDERSTANDING THE ATOM* series.

RADIOISOTOPES - SAFE SERVANTS OF INDUSTRY
28 min, 16mm film, optical sd, col 1963
Producer USAEC
Title No. 003212 *Sale* $94.50
Surveys the widespread industrial uses of radioisotopes. Presents animated explanations of the principles involved in radioisotope gauging instruments, tracing, and radiography. Shows an application of the principles involved in various processes, as observed in the food industry, in automotive research, in road construction, in heavy industry, in oil refining and shipping, and in system troubleshooting.

* INDICATES NEW ENTRY

*RADIOISOTOPES IN BIOLOGY AND AGRICULTURE
26 min, 16mm film, optical sd, b&w 1964
Producer USAEC
Title No. 003213 *Sale* $50.75

Highlights a lecture by Dr Howard Curtis of Brookhaven National Laboratory, who touches on some of the up-todate applications of atomic energy to biology and agriculture. Reference is made to the importance of radioisotopic tracers in the determination of the structure and role of nucleic acids and other cellular components.
From the *UNDERSTANDING THE ATOM* series.

RADIOISOTOPES IN GENERAL SCIENCE
46 min, 16mm film, optical sd, b&w 1952
Producer USA *Agency No.* PMF 5147C
Title No. 003214 *Sale* $78.00

Gives nine illustrations of the radioisotope as an important research tool adaptable to tracer investigations in all branches of general science--including metallurgy, chemistry, biochemistry, and plant physiology.
From the *RADIOISOTOPE* series.
CLEARED FOR TV.

*RADIOLOGICAL SAFETY
30 min, 16mm film, optical sd, b&w 1963
Producer USAEC
Title No. 003215 *Sale* $52.00

Examines the field of radiological safety or health physics, and tries to give a basis for a perspective on potential biological radiation damage.
From the *UNDERSTANDING THE ATOM* series.

RADIOTHERAPY--HIGH DOSAGE TREATMENT
16 min, 16mm film, optical sd, col 1945
Producer USOE *Agency No.* OE 411
Title No. 003216 *Sale* $29.75

Nature and physiological effects of high dosage X-rays - administration of X-ray treatment for carcinoma of the tongue - function and administration of radon seeds - factors in care of patients receiving X-ray therapy.
From the *NURSING* series.

RADIUM DECONTAMINATION
8 min, 16mm film, optical sd, col
Producer USNMAC *Agency No.* M-1240
Title No. 003217 *Sale* $26.00

Tells the story of the decontamination of a radium-contaminated basement in a duplexframe house by the pennsylvania Health Department and the U S Public Health Service during the summer of 1964 at Lansdowne, pennsylvania.

RAILROAD SAFETY
34 min, 16mm film, optical sd, b&w 1952
Producer USA *Agency No.* TF55-1731
Title No. 003218 *Sale* $70.50

Stresses safety in all phases of railroad work. Gives pointers for train crew, right-of-way maintenance crews, and in maintenance and repair shops.
CLEARED FOR TV.

*RAINBOW VALLEY - THE STORY OF A FOREST RANGER
28 min, 16mm film, optical sd, col 1954
Producer USDA *Agency No.* 1155
Title No. 634100 *Sale* $130.00

Shows work and responsibilites of U S Forest Rangers, and the benefits of the national forests in terms of timber, water, grass, wildlife and recreation.

*RAINDROPS AND SOIL EROSION
21 min, 16mm film, optical sd, col 1947
Producer USDA *Agency No.* 1020
Title No. 634325 *Sale* $94.00

Shows the action of individual raindrops on uncovered soil and emphasizes the need for soil and water conservation methods.

*RAISINS YOU BUY, THE
5 min, 16mm film, optical sd, col 1957
Producer USDA *Agency No.* 1283
Title No. 634412 *Sale* $26.00

Illustrates how California raisins are cleaned, processed and packaged so that consumers may have sound, wholesome fruit. shows How U S Department of Agriculture inspectors examine raisins upon delivery to packing plants to determine maturity and wholesomeness and after processing to determine cleanliness, quality and condition. describes Several ways raisins may be used.

*RANCHERS AND RANGERS
19 min, 16mm film, optical sd, col 1965
Producer USDA *Agency No.* 5548
Title No. 003988 *Sale* $102.00

Tells the story of grass and beef production through cooperative efforts of the Colorado Cattlemen's Association and public range managers. Shows how an attitude of cooperation pointed the way to greater returns to the livestock industry, other users of the land, and the Nation.

*RANCHERS AND RANGERS (SPANISH)
19 min, 16mm film, optical sd, col 1965
Producer USDA *Agency No.* 5548-S
Title No. 003029 *Sale* $102.00

Tells the story of grass and beef production through cooperative efforts of the Colorado Cattlemen's Association and public range managers. Shows how an attitude of cooperation pointed the way to greater returns to the livestock industry, other users of the land, and the Nation.

*RANGELAND RESEARCH AT MANITOU
21 min, 16mm film, optical sd, col 1962
Producer USDA *Agency No.* 1443
Title No. 000669 *Sale* $95.00

Carries on extensive studies in cattle, land, water, and how best to utilize these resources for maximum good at the Manitou Experimental Forest. Shows the various experiments featuring the effects on land and water of different degrees of grazing-moderate, light, and heavy.

*RANGELAND RESEARCH AT MANITOU (FRENCH)
21 min, 16mm film, optical sd, col 1962
Producer USDA *Agency No.* 1443-F
Title No. 005292 *Sale* $95.00

Carries on extensive studies in cattle, land, water, and how best to utilize these resources for maximum good at the Manitou Experimental Forest. Shows the various experiments featuring the effects on land and water of different degrees of grazing-moderate, light, and heavy.

RANGER
29 min, 16mm film, optical sd, col 1968
Producer USA *Agency No.* TV 758
Title No. 003219 *Sale* $115.50

Points out how the small unit leader must be resourceful and capable of directing operations under many types of geographic and climatic conditions. Shows how Rangers are trained at Fort Benning, Georgia.
From the *BIG PICTURE* series.
CLEARED FOR TV.

RANGER 09 - TELEVISION PICTURES OF THE MOON
7 min, 16mm film, optical sd, b&w 1965
Producer USNASA *Agency No.* HQA 133
Title No. 003220 *Sale* $14.25

Shows photographs taken by the Ranger spacecraft in 1965, with a narrative account of the missions. The photographs have been printed to provide continuous views as the spacecraft descends toward the Moon until the moment of impact, and wide and narrow angles are included.
CLEARED FOR TV.

RAPID FROZEN SECTION TECHNIQUE
3 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-0998
Title No. 003221 *Sale* $11.50

Demonstrates how the specimen is identified, trimmed for sectioning, placed on the microtome and frozen. Subsequent scenes show how the frozen specimen is cut into thin sections, stained, and finally prepared for examination by the pathologist.

RAT ECTOPARASITE CONTROL

8 min, 16mm film, optical sd, b&w 1954

Producer USNMAC *Agency No* M-037.1G

Title No 003222 *Sale* $14.25

Explains the necessity, in areas where murine typhus or plague exist, to kill rat fleas even before killing the rats. Demonstrates methods of using ddt to kill the fleas. No. 8 of series.

RAT KILLING

13 min, 16mm film, optical sd, b&w 1954

Producer USNMAC *Agency No* M-037.1F1

Title No 634900 *Sale* $23.75

Emphasizes three aspects of rat control-sanitation techniques, rat-proofed buildings, and rat killing. No. 6 of series.

RAT PROBLEM, THE

16 min, 16mm film, optical sd, b&w 1954

Producer USNMAC *Agency No* M-037.1A

Title No 635050 *Sale* $28.50

Emphasizes the extent and seriousness of the health economic problems caused by rats. No. 1 of series.

RAT PROBLEM, THE (FRENCH)

16 min, 16mm film, optical sd, b&w 1954

Producer USNMAC *Agency No* M-037.1A

Title No 002186 *Sale* $28.50

Emphasizes the extent and seriousness of the health economic problems caused by rats. No. 1 of series.

RATPROOFING

10 min, 16mm film, optical sd, b&w 1954

Producer USNMAC *Agency No* M-037.1E

Title No 001754 *Sale* $17.50

Explains methods and materials to be used in the rats, and after ratproofing the exterior of a building, the necessity of killing all rats inside. No. 5 of series.

RC TRANSIENTS

34 min, 16mm film, optical sd, b&w

Producer USAF *Agency No* TVK 30-801

Title No 003223 *Sale* $70.50

Gives several illustrations showing the importance of timing in radar circuits. Gives definitions for--transient voltage, transient current, transient interval, and wave shape. Illustrates the meaning of each of these terms, using a simple circuit consisting of a battery, switch, resistor and capacitor. Demonstrates the effect on charge time when the value of capacitance and resistance is changed, and briefly explains the universal time constant chart. (Kinescope)

RCL

34 min, 16mm film, optical sd, b&w 1943

Producer USN *Agency No* MN01540C

Title No 635745 *Sale* $58.75

Explains current and voltage in relation to time, voltage and current curves, the relationship of current and voltage, the measurement of voltage at source, the addition of phase components, and the effect of impedance on resonnance.

***REA STORY, THE**

28 min, 16mm film, optical sd, col 1960

Producer USDA *Agency No* 1452

Title No 635825 *Sale* $128.00

Reviews the 25-year history of the Rural Electrification Administration, stresses the importance of electric power to farms and ranches in remote areas. Highlights scenes showing farmlife before and after electricity, includes a modern, electric-powered poultry farm, modern dairy farming operations and an airplane tour with the flying manager of a montana electrical cooperative.

***REACH FOR THE MOON AND TOUCH A STAR**

40 fr, 35mm filmstrip, 1/4 in. audiotape, col 1967

Producer USNASA

Title No 002175 *Sale* $10.00

Presents the story of space exploration through the paintings and sketches of leading American artists.

REACTANCE TUBE MODULATOR

24 min, 16mm film, optical sd, b&w

Producer USAF *Agency No* TVK 30-606

Title No 003224 *Sale* $50.75

Points out the principles of operation of the reactance tube modulator and identifies and states the purpose of each component. (Kinescope)

REACTOR FUEL PROCESSING

20 min, 16mm film, optical sd, col 1958

Producer USAEC

Title No 003225 *Sale* $85.00

Describes radiochemical processing of irradiated reactor fuels, including steps in chemical separation and wastedisposal operations at various facilities of the Atomic Energy Commission.

REACTOR SAFETY RESEARCH

15 min, 16mm film, optical sd, col 1964

Producer USAEC

Title No 003226 *Sale* $60.50

Shows the characteristic, conservative design of nuclear power reactors and the elaborate safeguards that are incorporated into the design. Examines the progress of reactor safety research in studies of abnormal nuclear behavior, fission product release, chemical reactions, containment, and vapor cleanup systems.

READING A DRAWING OF A VALVE BONNET

20 min, 16mm film, optical sd, b&w 1945

Producer USOE *Agency No* OE 055

Title No 636300 *Rental* $7.50 Sale $35.25

Explains how to interpret conventional symbols and tolerance specifications and how to use the blueprint in planning machine operations.

From the *MACHINE SHOP WORK* series. Fundamentals of Blueprint Reading, No. 5

READING A THREE-VIEW DRAWING

10 min, 16mm film, optical sd, b&w 1945

Producer USOE *Agency No* OE 052

Title No 636350 *Rental* $5.00 Sale $17.50

Describes how to interpret and use a blueprint. Shows how to make a tool block according to specifications written on a blueprint.

From the *MACHINE SHOP WORK* series. Fundamentals of Blueprint Reading

READING A THREE-VIEW DRAWING (SPANISH)

10 min, 16mm film, optical sd, b&w 1945

Producer USOE *Agency No* OE 052

Title No 003347 *Rental* $5.00 Sale $17.50

Describes how to interpret and use a blueprint. Shows how to make a tool block according to specifications written on a blueprint.

From the *MACHINE SHOP WORK* series. Fundamentals of Blueprint Reading

***READING THE BLOOD PRESSURE MANOMETER**

6 min, 16mm film, optical sd, col 1971

Producer USA *Agency No* PMF 5435

Title No 002176 *Sale* $25.50

Shows six different blood pressure readings - the viewer records his readings, and compares them to the correct readings given at the end of the film.

SUGGESTED FOR PROFESSIONAL GROUPS ONLY.

READY - STORY OF THE MARINE CORPS RESERVES

15 min, 16mm film, optical sd, col 1966

Producer USMC *Agency No* MH10350

Title No 003227 *Sale* $62.25

Visually documents the fifty-year history of the Marine Corps Reserves from World War I to World War II and Korea.

READY FOR EDNA

29 min, 16mm film, optical sd, b&w 1965

Producer USNMAC *Agency No* MIS-962

Title No 637350 *Sale* $50.25

Examines the broad range of health services needed to protect and promote the physical and mental health of the aged

* INDICATES NEW ENTRY

through the experiences of Edna, who suffers a small stroke. Historical background is included to give added perspective.

READY ON OCEAN STATION NOVEMBER

10 min, 16mm film, optical sd, col 1957
Producer USCG
Title No. 003230 *Sale* $60.00

An authentic documentary on the ditching of a large commercial plane at sea near a Coast Guard ocean station vessel. Preparations for the ditching are shown - the actual ditching at sea - and the OSV's small boats picking up men, women and children. All survivors were saved in the most unusual film record of the rescue.

*READY THE MARINE CORPS RESERVE

14 min, 16mm film, optical sd, b&w
Producer USN *Agency No.* MH9670
Title No. 003229 *Sale* $25.50

Tells how continued readiness is maintained in the Marine Corps Reserve by year-round realistic training.

THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY.

REAL AND APPARENT MOTIONS

19 min, 16mm film, optical sd, col 1962
Producer USAF *Agency No.* TF01-5461
Title No. 003231 *Sale* $63.25

Uses animation to define real and apparent motions of the Earth, rotation and revolution.

*REALITIES OF RECYCLING, THE

39 min, 16mm film, optical sd, col 1971
Producer USEPA
Title No. 002177 *Sale* $154.50

Shows a variety of equipment being used to recover and reuse materials from solid wastes. existing markets for glass, aluminum, and steel containers, paper and old car hulks are described, along with new technology being investigated and demonstrated under provisions of the solid waste disposal act.

SUGGESTED FOR TECHNICAL AUDIENCES.

*REALM OF THE WILD

28 mm, 16mm film, optical sd, col 1945
Producer USDA *Agency No.* 935-R
Title No. 637690 *Sale* $116.00

Pictures wildlife in the National Forests. illustrates the work of the National Forest Service in the conservation of wild life, particularly the attempt to balance wild life population and the available food supply.

REAMING WITH STRAIGHT HAND REAMERS

20 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No.* OE 037
Title No. 637700 *Rental* $7.50 Sale $35.25

Discusses types of reamers. Shows how to check the size of reamers and ream straight holes with straight-fluted, helical-fluted and adjustable-blade reamers.

From the *MACHINE SHOP WORK* series. Bench Work, No. 4

REAMING WITH TAPER HAND REAMERS

15 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No.* OE 038
Title No. 637750 *Rental* $7.50 Sale $27.00

Describes how to hand ream a tapered hole through a shaft and collar and how to fit a taper pin in the reamed hole. Explains how to ream bearing caps for fitting dowel pins.

From the *MACHINE SHOP WORK* series. Bench Work, No. 5

REASSEMBLING THE ENGINE

22 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 271
Title No. 637800 *Sale* $46.25

Describes how to reassemble the crankshaft and camshaft assemblies, crankcase section, and gear case cover assembly. Tells how to reinstall the oil sump and completely reassemble the engine.

From the *AIRCRAFT WORK* series. Power Plant Maintenance

REASSEMBLY OF CYLINDER HEAD

14 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN02364I
Title No. 003232 *Sale* $28.50

Demonstrates how to reassemble and install the cylinder head. Explains each operation and the use of proper tools.

REASSEMBLY OF THE 8-268A ENGINE

36 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN00209B
Title No. 003233 *Sale* $62.00

Demonstrates how to reassemble the General Motors 8-268a diesel engine.

RECEIVER ALIGNMENT

37 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-623
Title No. 002754 *Sale* $76.25

Demonstrates the troubleshooting of a superheterodyne receiver. Shows how, after finding and replacing the defective component, the receiver is aligned using a signal generator for the signals. Explains proper test equipment and how alignment is reaccomplished using a local radio station for a signal. (Kinescope)

RECEIVER TROUBLESHOOTING PROCEDURE

21 min, 16mm film, optical sd, b&w 1965
Producer USAF *Agency No.* TVK 30-610
Title No. 003234 *Sale* $44.50

Explains general troubleshooting procedures for receivers, stage-by-stage and half-split methods of troubleshooting, and identifies basic test equipment. (Kinescope)

RECENT ADVANCES IN NEUROMUSCULAR DISEASE

90 min, 16mm film, optical sd, b&w 1968
Producer USNMAC *Agency No.* T-1868-X
Title No. 003235 *Sale* $162.50

Features an exposition of the pathophysiology of peripheral nerve, neuromuscular junction, and muscle diseases. Emphasizes the techniques of clinical and laboratory diagnosis.

RECIPROCATING PUMP OPENING FOR INSPECTION

21 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN02348A
Title No. 003236 *Sale* $37.00

Demonstrates, on a vertical simplex reciprocating pump, the proper procedures, marking of parts, use of standard machinist's tools and safety precautions.

RECOGNITION AND TREATMENT OF CERTAIN PANCREATIC DISORDERS

40 min, 16mm film, optical sd, b&w 1964
Producer USNMAC *Agency No.* T-1821-X
Title No. 003237 *Sale* $79.25

Discusses the difficult problems of pancreatitis and carcinoma. Presents X-ray techniques and surgical methods based on case material.

*RECOGNITION OF DOMESTIC RODENT SIGNS

58 fr, 35mm filmstrip, 1/4 in. audiotape, col 1952
Producer USNMAC *Agency No.* F-111
Title No. 002179 *Sale* $10.00

Tells where to look for rodent signs, and how to identify the various rodent species by the size and shape of their droppings.

RECOGNITION OF LEPROSY

13 min, 16mm film, optical sd, col 1959
Producer USNMAC *Agency No.* M-0374
Title No. 003238 *Sale* $45.25

Illustrates the clinical manifestations of leprosy, using patients from the Public Health Service hospital at Carville, La. Shows the technique of taking and staining skin scrapings to demonstrate the etiologic agent, mycobacterium leprae, and the technique of taking skin biopsies to determine pathology of peripheral nerves.

RECOGNITION OF LEPROSY (SPANISH)

13 min, 16mm film, optical sd, col 1959
Producer USNMAC *Agency No.* M-0374-SP
Title No. 003239 *Sale* $45.25

Illustrates the clinical manifestations of leprosy, using patients from the Public Health Service hospital at Carville, Louisiana. Shows the technique of taking and staining skin scrapings to demonstrate the etiologic agent, mycobacterium leprae, and the technique of taking skin biopsies to determine pathology of peripheral nerves.

RECONDITIONING A CULTIVATOR

14 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 453
Title No. 638240 *Rental* $7.50 Sale $25.50

Tells how to replace a worn wheel boxing, adjust yoke, check and adjust shovels, check and lubricate gang expansion and steering assemblies, and lubricate all parts of a cultivator.

From the *FARM WORK* series. Equipment Maintenance, No. 5

RECONDITIONING A CYLINDER WITH A PORTABLE BORING BAR

36 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN02348B
Title No. 003240 *Sale* $62.00

Traces a typical boring job to illustrate various checks, adjustments, and alignments required to operate the boring bar. Covers types, uses, nomenclature, set-up, and operation of the portable bar while demonstrating the reconditioning of a cylinder.

RECONDITIONING A GRAIN DRILL

31 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 197
Title No. 638250 *Rental* $10.00 Sale $53.50

Shows how to inspect, repair and recondition a typical grain drill.

From the *FARM WORK* series. Equipment Maintenace, No. 4

RECONDITIONING A MOWER, PT 1, CUTTER BAR

13 min, 16mm film, optical sd, b&w 1943
Producer USOE *Agency No.* OE 194
Title No. 003241 *Rental* $7.50 Sale $37.00

Illustrates how to repair the sickle, repair and adjust the guards, mount and align the cutter bar, and check the mower's operation.

From the *FARM WORK* series. Equipment Maintenance, No. 1

RECONDITIONING A MOWER, PT 2, DRIVE SYSTEM

21 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 195
Title No. 001272 *Rental* $7.50 Sale $37.00

Describes how to clean, inspect, lubricate, and replace the wheel assembly. Tells how to replace a worn wrist pin, disassemble and inspect the gear assembly, check and remove worn flywheel shaft bearings, install new bearings, and lubricate the reconditioned mower.

From the *FARM WORK* series. Equipment Maintenance, No. 2

RECONDITIONING A TWO-BOTTOM TRACTOR PLOW

25 min, 16mm film, optical sd, b&w 1943
Producer USOE *Agency No.* OE 196
Title No. 638350 *Rental* $10.00 Sale $43.75

Shows how to check, repair and maintain a two-bottom tractor plow.

From the *FARM WORK* series. Equipment Maintenace, No. 3

RECONDITIONING THE FUEL PUMP

17 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No.* MN03708G
Title No. 003242 *Sale* $30.50

Shows how to install seal assembly, diaphragm, copper seal gasket, shim, setting bar, and spacer in the fuel pump.

RECREATIONAL AND OCCUPATIONAL THERAPY

13 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 415
Title No. 003243 *Sale* $28.50

Depicts recreational and occupational activities fitted to the patient's condition--passive diversion during an immobile state, limited physical activities carried on in bed, individualized occupational therapy, and social recreation projects.

From the *NURSING* series.

RECTANGULAR COORDINATES

13 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN 1540-M
Title No. 638600 *Rental* $7.50 Sale $23.75

Demonstrates how to use coordinates in solving problems involving time and distance, and how to locate a point using two co-ordinates.

***RECYCLING**

22 min, 16mm film, optical sd, col 1971
Producer USEPA
Title No. 002180 *Sale* $89.75

Shows a variety of efforts to recover and reuse more of our discards. Explains how this approach has the dual benefit of conserving our resources while minimizing the expense and difficulty of Solid Waste disposal. Illustrates new techniques that are being investigated and demonstrated under provisions of the Solid Waste Disposal Act.

RED NIGHTMARE

25 min, 16mm film, optical sd, b&w 1965
Producer USDOD *Agency No.* AFIF 0142
Title No. 003244 *Sale* $64.50

Depicts the nightmare of an American citizen, who finds himself in a Communist mock-up village, awakens him to his obligations to his family and his country.

THIS FILM IS CONSIDERED OF HISTORICAL VALUE AND DOES NOT NECESSARILY REFLECT CURRENT POLICY OR PLANS OF THE SPONSORING AGENCY.

REDESIGNING A PATTERN FOR PRODUCTION PURPOSES

11 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 336
Title No. 639400 *Rental* $5.00 Sale $19.25

Describes how a pattern originally designed for casting a single piece is redesigned for quantity production.

From the *PRECISION WOOD MACHINING* series. Problems In Patternmaking

REDS LAUNCH SPRING OFFENSIVE

15 min, 16mm film, optical sd, b&w 1951
Producer USDOD *Agency No.* CB 110
Title No. 639445 *Sale* $27.00

Shows military operations in Korea from April 20 to may 20, 1951.

REDUCED VOLTAGE STARTERS

23 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 390
Title No. 639450 *Rental* $10.00 Sale $40.50

Explains the principle of the transformer. Shows the operation of a manual starting compensator, thermal overload relay and automatic starting compensator.

From the *ELECTRICAL WORK* series. Motor Control, No. 3

***REDUCED-GRAVITY SIMULATOR FOR STUDY OF MAN'S SELF LOCOMOTION**

10 min, 16mm film, optical sd, col
Producer USNASA *Agency No.* HQA 124
Title No. 639448 *Sale* $35.75

Shows an arrangement of cables and harnesses on an overhead track which simulates the condition of reduced gravity such as occurs on the Moon.

REDUCTION AND FIXATION OF MIDDLE THIRD FRACTURES OF THE FACE - LATERAL ORBITAL RIM...

13 min, 16mm film, optical sd, col 1969
Producer USVA *Agency No.* D-101
Title No. 003245 *Sale* $50.25

FULL TITLE--REDUCTION AND FIXATION OF MIDDLE THIRD FRACTURES OF THE FACE - LATERAL ORVITAL RIM

* INDICATES NEW ENTRY

APPROACH Demonstrates the reduction of a fracture of middle third of the face by lateral orbital approach.

REDUCTION OF ZYGOMATIC ARCH FRACTURE
7 min, 16mm film, optical sd, col 1969
Producer USVA *Agency No.* D-085
Title No. 003246 *Sale* $30.25
Demonstrates reduction of a zygomatic arch fracture. Points out how access to the fracture is gained through an auriculotemporal incision and reduction is achieved by blind manipulation and touch.

REFLEX KLYSTRON
40 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-911
Title No. 003247 *Sale* $82.25
Uses a mock-up to give a pictorial view of the construction and components of the reflex klystron. Shows the operation of the tube, emphasizing the bunching and catching action of the cavity. Shows how repeller plate voltage can be changed to obtain the different modes of operation. Points out how the repeller plate is used as a fine tuning control and how a tuning strut or screw is used as a coarse frequency control. (Kinescope)

REFRACTORY ANEMIA
30 min, 16mm film, optical sd, b&w 1966
Producer USNMAC *Agency No.* T-1841-X
Title No. 003248 *Sale* $60.50
Illustrates that refractory anemia is a disease of UNknown etiology and that it includes patients with ACtive bone marrow but ineffective erythropoiesis.

***REFRIGERATED FOOD STORAGE PRINCIPLES**
62 fr, 35mm filmstrip, 1/4 in. audiotape, b&w 1951
Producer USNMAC *Agency No.* F21-B
Title No. 002182 *Sale* $6.00
Explains the principles of refrigerated food storage, and shows methods of storing foods in a refrigerator.

REFRIGERATION - COMPRESSOR CONTROLS
6 min, 16mm film, optical sd, b&w 1957
Producer USN *Agency No.* FN08158C
Title No. 003348 *Sale* $13.25
Depicts how the low pressure switch turns on and off the compressor motor via motor controller and how safety controls protect compressor and motor.

REFRIGERATION - CONDENSER CONTROLS
5 min, 16mm film, optical sd, b&w 1957
Producer USN *Agency No.* FN08158D
Title No. 003249 *Sale* $11.25
Shows controls for the condenser of a refrigeration system. Demonstrates how the refrigeration pressure in the high pressure line is used by the water-regulating valve to control the flow of water through the condenser. Tells how use of the water failure switch serves as protection for the compressor.

REFRIGERATION - EVACUATING AND CHARGING
13 min, 16mm film, optical sd, col 1964
Producer USAF *Agency No.* TF 5536B
Title No. 003252 *Sale* $45.25
Demonstrates procedures for removing air and moisture from refrigeration lines and charging the unit with fresh refrigerant. Shows how to attach the manifold guage assembly, evacuate the system and conduct a leak test priorto charging.
CLEARED FOR TV.

REFRIGERATION - EVAPORATOR CONTROLS
8 min, 16mm film, optical sd, b&w 1957
Producer USN *Agency No.* FN08158B
Title No. 003250 *Sale* $17.25
Examines how the thermostatic switch and solenoid valve work to deliver full flow refrigerant to the thermal expansion valve. Explains the differential. Shows how the super head is used by the thermal expansion valve to control the flow of refrigerant into the evaporator coil, and how the evaporator pressure regulator works to release refrigerant from the evaporator to the compressor.

REFRIGERATION - INTRODUCTION TO CONTROL MECHANISMS
10 min, 16mm film, optical sd, b&w 1970
Producer USN *Agency No.* FN08158A
Title No. 003251 *Sale* $21.00
Explains the function of the automatic controls in the refrigeration cycle and use of the manual control in emergencies.

REFRIGERATION - PRINCIPLES OF MECHANICAL REFRIGERATION
12 min, 16mm film, optical sd, col 1964
Producer USAF *Agency No.* TF 5536A
Title No. 003253 *Sale* $42.00
Shows application of basic physics of heat tranfer in refrigeration units. Explains temperature changes in refrigerant passing through the expansion valve, compressor, condensor and evaporator as it carries heat to the outside air.
CLEARED FOR TV.

REFUSE DISPOSAL BY SANITARY LANDFILLS
13 min, 16mm film, optical sd, col 1956
Producer USNMAC *Agency No.* M-0228
Title No. 640445 *Sale* $45.25
Describes faults of disposal methods such as open compares the vector-borne disease and nuisance hazards of these methods to those of landfills. Shows how to select a site, type of equipment used, how to construct a landfill, different types of operating procedures, and overall contributions of sanitary landfills to public health.

REFUSE DISPOSAL BY SANITARY LANDFILLS (SPANISH)
13 min, 16mm film, optical sd, col 1956
Producer USNMAC *Agency No.* M-0228-SP
Title No. 003254 *Sale* $45.25
Discusses the faults of disposal methods such as open dumps, and compares the vector-borne disease and nuisance hazards of these methods to those of landfills. Shows how to select a site, types of equipment used, how to construct a landfill, different types of operating procedures, and overall contributions of sanitary landfills to public health.

REGIONAL ENTERITIS AND GRANULOMATOUS COLITIS
30 min, 16mm film, optical sd, b&w 1966
Producer USNMAC *Agency No.* T-1860-X
Title No. 003255 *Sale* $61.25
Examines the syndrome of regional enteritis (granulomatous colitis), its diagnosis, treatment and prognosis.

REGULATION OF ATOMIC RADIATION, THE
29 min, 16mm film, optical sd, col 1963
Producer USAEC
Title No. 003256 *Sale* $137.25
Surveys the work of the Atomic Energy Commission in licensing and regulating the use of nuclear materials. Examines the close control of radioactive materials from the time they leave the mines to be processed until they are again returned to the Earth or to the sae as waste materials.

REGULATION OF PANCREATIC SECRETION
28 min, 16mm film, optical sd, b&w 1970
Producer USNMAC *Agency No.* T-1964
Title No. 003257 *Sale* $58.50
Relates the pathogenesis of acute pancreatitis to secretory mechanisms, and the construction of a unified concept of the etiology of inflammation within the pancreas. Evidence is accumulated from anatomic studies, manometric determinations of the intracholedochal and intrapancreatic ductal secretory pressures, physiologic investigations in experimental pancreatitis, and analyses of the clinical correlations observed in human pancreatitis. (Kinescope)

REHAB
23 min, 16mm film, optical sd, col 1969
Producer USHUD
Title No. 641103 *Sale* $78.25
Illustrates federal involvement in rehabilitation across the country, focusing on a Boston project involving 2000 units in over 100 buildings.

REHABILITATION AND TREATMENT CENTERS

22 2x2 slides, silent, col
Producer USBNDD
Title No. 003017 *Sale* $7.00

Section F of the Drug Abuse Education and Information Slide Resource Kit.

REHEARSAL FOR THE MOON

7 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No.* AD 003
Title No. 003258 *Sale* $32.50

Reports on the complex simulators used to train astronauts for the Apollo mission. Shows astronauts undergoing weightless simulation in an airplane and in water, and demonstrates simulators which approximate the conditions to be encountered during flight to the Moon and the landing.

From the *APOLLO DIGEST* series.

REINFORCED PLASTICS-INSPECTION AND QUALITY CONTROL

20 min, 16mm film, optical sd, col 1957
Producer USN *Agency No.* MN 8597B
Title No. 003259 *Sale* $63.25

Demonstrates inspection procedures, showing examples of various common defects and procedures leading to final acceptance of the finished parts by naval inspectors.

REINFORCED PLASTICS, INTRODUCTION

20 min, 16mm film, optical sd, b&w 1957
Producer USN *Agency No.* MN 08597A
Title No. 003260 *Sale* $40.25

Explains in general the nature of reinforced plastics and their composition and fabrication.

REINS OF COMMAND, THE - AIR FORCE COMMUNICATIONS SERVICE

28 min, 16mm film, optical sd, col 1966
Producer USAF *Agency No.* SFP 1285
Title No. 641220 *Sale* $113.50

Portrays missions of Air Force communications service and its vital role in Air Force operations. Depicts highly complex and sophisticated communications techniques, equipment, gobal communications network, and air traffic control system. Pictures use of communications in military exercises and operations. Brig. Gen. James Stewart narrates.

CLEARED FOR TV.

REJECTION OF RENAL TRANSPLANT

18 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No.* T-1746
Title No. 003261 *Sale* $38.50

Provides a general review of rejection theory followed by a discussion concerning types of rejections of renal homografts in man. Acute or hyperacute rejection, intermediate, and chronic rejection are discussed. A brief survey of statistical data is included. (Kinescope)

RELATIVE MOVEMENT, PT 1, - RELATIVE MOVEMENT AND INTERCEPTION

14 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN00083Y
Title No. 003262 *Sale* $25.50

Shows the basic principles of relative movement and interception between planes and ship, the angle between the relative motion line and the ship's course, relation between speed and direction, and direction, and how to plot course and determine the time of arrival of plane and ship.

RELATIVE MOVEMENT, PT 2, OUT AND IN SEARCH, RELATIVE WIND

13 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN00083Z
Title No. 003263 *Sale* $23.75

Covers relative movement, computing time speed when leaving and returning to carrier, searching on a relative bearing to carrier, and relative wind.

RELAYS

18 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-137
Title No. 003264 *Sale* $38.50

Discusses some uses of relays, and explains their construction and purpose. Shows the symbols used to identify types of relays, and finally, how a relay operates. (Kinescope)

RELIABILITY - ECONOMIC CONSIDERATIONS IN RELIABILITY

20 min, 16mm film, optical sd, col 1965
Producer USN *Agency No.* MN08770J
Title No. 003265 *Sale* $82.00

Shows application of break-even analysis for use in selection from competing systems and for economic decisions when changes to a system are being considered.

RELIABILITY - ELEMENTS OF RELIABILITY PREDICTION

30 min, 16mm film, optical sd, col 1964
Producer USN *Agency No.* MN08770G
Title No. 641540 *Sale* $101.00

Shows how prediction techniques are used on major component of a weapon system. Describes how predictions are made in drawing-board phase, and refined in bench test and protype test phases.

RELIABILITY - FUNDAMENTAL CONCEPTS, PT 1

30 min, 16mm film, optical sd, col 1961
Producer USN *Agency No.* MN08770A
Title No. 641542 *Sale* $101.00

Presents some of the fundamental concepts of reliability engineering that shall be used by designers of naval weapons systems, to achieve maximum inherent reliability in the design.

RELIABILITY - FUNDAMENTAL CONCEPTS, PT 2

27 min, 16mm film, optical sd, col 1961
Producer USN *Agency No.* MN08770B
Title No. 641543 *Sale* $91.25

Presents a continuation presentation of fundamental concepts of engineering that should be used by designers of naval weapons systems to achieve the maximum inherent reliability in design.

RELIABILITY - PART AND PARCEL

28 min, 16mm film, optical sd, col 1963
Producer USAF *Agency No.* TF 5530
Title No. 641546 *Sale* $94.50

Describes reliability standards established within Air Force Systems and Logistics Commands. Explains how the standards serve as production requirements and management tools in procurement of electronic replacement parts. Shows how the standards reduce costs and increase product reliability.

RELIABILITY - RELIABILITY MONITORING

20 min, 16mm film, optical sd, col 1964
Producer USN *Agency No.* MN08770H
Title No. 003266 *Sale* $86.00

Shows how a program is monitored from concept through use phase, and shows how data are used.

RELIABILITY - RELIABILITY TESTING

25 min, 16mm film, optical sd, col 1962
Producer USN *Agency No.* MN08770E
Title No. 641547 *Sale* $84.75

Depicts fundamentals of reliability testing design.

RELIABILITY - SPECIFICATIONS AND RELIABILITY ASSURANCE

25 min, 16mm film, optical sd, col 1963
Producer USN *Agency No.* MN08770F
Title No. 641549 *Sale* $84.75

Describes philosophy and function of specifications in relation to achievement of reliability assurance, general and detailed specifications, environment, interferences, interactions and interfaces affecting system performance requirements.

RELIABILITY - STATISTICAL CONCEPTS
25 min, 16mm film, optical sd, col 1961
Producer USN *Agency No* MN08770C
Title No 461548 *Sale* $84.75
Describes reliability engineering methods and demonstrates the basic concepts on which the analytical methods are based, using examples drawn from actual reliability studies. Probability theory is treated in further detail in connection with its application to reliability prediction.

RELIABILITY - THE APPLICATION OF RELIABILITY DATA
21 min, 16mm film, optical sd, col 1964
Producer USN *Agency No* MN08770I
Title No 003267 *Sale* $86.00
Shows application of feed-back to the solution of problems arising during the life-cycle of a weapon system.

RELIABILITY ENGINEERING - RELIABILITY TESTING
30 min, 16mm film, optical sd, col 1961
Producer USN *Agency No* MN08770D
Title No 641550 *Sale* $101.00
Presents advanced methods and techniques of reliability analysis. One of the more critical system reliability problems is drawn out out for detailed study by comparing observed and theoretical frequency distributions. Regression techniques, design 'improvement' analysis, and the Monte Carlo technique are demonstrated.

***RELUCTANT WORLD POWER, THE**
29 min, 16mm film, optical sd, col 1972
Producer USDS
Title No 003362 *Sale* $98.00
Shows the process by which the U S assumed, rejected, and finally was obliged to accept the role of a major power. Includes the tragedy of Woodrow Wilson, World War I, League of Nations, isolationism, erosion of international security and finally World War II.
From the *HISTORY OF U S FOREIGN RELATIONS* series.

REMOTE MAINTENANCE OF MOLTEN SALT REACTORS
20 min, 16mm film, optical sd, col 1960
Producer USAEC
Title No 003268 *Sale* $101.00
Illustrates the arrangement of a mock-up fluid-fuel reactor-system approximately 20 MW(T) in size and the remote operation of specialized equipment utilized to maintain reactor components.

REMOVAL OF BITING TICKS, THE
4 min, 16mm film, optical sd, col
Producer USNMAC *Agency No* M-1230
Title No 003269 *Sale* $22.25
Shows how to remove biting ticks without leaving the mouth parts imbedded in the flesh.

REMOVING A SECTION OF PIPING ABOARD SHIP
13 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No* MN02337
Title No 003270 *Sale* $29.75
Explains the purpose of the piping system. Shows how to remove a section of pipe aboard ship, and defines outside diameter, pitch diameter, pitch cord, bleeding point, and backing-off.

REMOVING AND INSPECTING CYLINDERS
18 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 262
Title No 642850 *Sale* $37.50
Tells how to remove the cylinder assemblies from the engine, disassemble the cylinder assemblies, and clean, inspect, and recondition the cylinders.
From the *AIRCRAFT WORK* series. Power Plant Maintenance

REMOVING AND INSTALLING A COMPRESSOR OR CONDENSER
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 442
Title No 641900 *Rental* $7.50 Sale $30.50
Shows how to evacuate and remove a compressor in a domestic refrigerator, evacuate a stuck compressor, install a compressor and remove and install a condenser.
From the *REFRIGERATION SERVICE* series. Domestic Units, No. 5

REMOVING AND INSTALLING A COOLING UNIT
19 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 443
Title No 642050 *Rental* $7.50 Sale $33.75
Discusses cooling unit disorders in a domestic refrigerator. Shows how to evacuate valved evaporators, remove an oil-logged evaporator, install the evaporator and install a direct expansion cooling unit.
From the *REFRIGERATION SERVICE* series. Domestic Units, No. 6

REMOVING DEFECTIVE RIVETS
15 min, 16mm film, optical sd, b&w 1943
Producer USOE *Agency No* OE 141
Title No 642080 *Rental* $7.50 Sale $27.00
Illustrates how an inspector marks defective rivets, how to drill the heads of flush-type and brazier head rivets, and how to remove the shank and head after drilling.
From the *AIRCRAFT WORK* series. Assembling and Riveting, No. 6

RENAISSANCE OF A CITY
18 min, 16mm film, optical sd, col 1970
Producer USIA
Title No 006451 *Rental* W/DRAWN Sale W/DRAWN
Describes the efforts of the mayor of a small rural city (Erie, Pennsylvania) to develop community cultural interests which would attract residents and visitors to the city. Shows various methods of leisure-time recreation and activities.

RENAL VASCULAR HYPERTENSION--AN APPROACH TO DIAGNOSIS AND TREATMENT
20 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No* AM-1376
Title No 003271 *Sale* $68.25
Demonstrates the pathogenesis of renal vascular hypertension and the types of lesions responsible.

RENDEZOUS 90 DEGREES FAHRENHEIT SOUTH
28 min, 16mm film, optical sd, col 1961
Producer USAF *Agency No* SFP 1087
Title No 642400 *Sale* $94.50
Depicts the role of the C-130 Hercules in blazing an unrestricted supply line to the South Pole, heart of antarctica. Pictures some of the research being conducted there and stresses the importance of this scientific work to mankind.

***REORIENTING OCCLUSAL RELATIONSHIPS, PT 2**
27 min, 16mm film, optical sd, col 1963
Producer USA *Agency No* PMF 5354
Title No 003272 *Sale* $91.25
Clinically demonstrates correctly engineered restoration of patient's upper teeth, with stress on accomplishment of proper occlusal balance.

REPAINTING A FRAME BUILDING
18 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 460
Title No 642500 *Sale* $37.50
Tells how to prepare a building for painting, set up staging, prepare paint, apply the prime and second coats, and care for brushes, paint, and equipment.
From the *FARM WORKERS* series. Painting, No. 1

REPAIRING A WOODEN RIB
24 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 247
Title No 642510 *Sale* $50.75
Tells how to remove gussets and broken rib parts, splice a section of cap strip, cut and finish a scarf joint, make a new truss member, and make and assemble gussets and reinforcement plates.
From the *AIRCRAFT WORK* series. Aircraft Maintenance

REPAIRING AIRCRAFT TIRES
20 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 254
Title No. 642530 *Sale* $42.25

Tells how to inspect an airplane tire, remove the tire, remove the tube from the tire, vulcanize the tube, repair a cut in the tire, and reinstall the wheel.

From the *AIRCRAFT WORK* series. Aircraft Maintenance

REPAIRING AND RELINING MECHANICAL BRAKES
21 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 256
Title No. 642540 *Sale* $43.25

Describes how to check brake action, remove wheel and inspect brakes, disassemble wheel and remove brake lining, install new brake lining, replace brake cables, and adjust brakes.

From the *AIRCRAFT WORK* series. Aircraft Maintenance

REPAIRING STRUCTURAL TUBING
20 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 253
Title No. 642550 *Sale* $42.25

Shows how to straighten a bent tube, round out a tube, remove a damaged section of tube, prepare a replacement section, prepare internal reinforcing sleeves and assemble and weld the replacement section and sleeves.

From the *AIRCRAFT WORK* series. Aircraft Maintenance

*REPORT ON RURAL TELEPHONE SERVICE
14 min, 16mm film, optical sd, col 1964
Producer USDA *Agency No.* 4965
Title No. 003990 *Sale* $64.00

Presents an up-to-date report on the progress achieved in bringing modern telphone service to rural people and outlines the goals of the REA Telephone Loan Program. A sequence from an earlier film, 'The Telephone and the Farmer', serves to dramatize conditions before the REA Telephone Loan Program was authorized in 1949.

REPRIEVE
22 min, 16mm film, optical sd, col 1964
Producer USNMAC *Agency No.* MIS-0863
Title No. 643400 *Sale* $74.75

Former President Dwight D. Eisenhower and other heart patients tell how sensible living habits and adherence to doctors' orders have enabled them to return to active and useful living. Offers hope and encouragement for the million-plus American men and women who each year survive a heart attack.

REPULSION-INDUCTION MOTOR - GENERAL OVERHAUL
25 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 397
Title No. 644450 *Rental* $10.00 Sale $43.75

Shows how to check a repulsion-induction motor for electrical and mechanical faults, dismantle it, remove a damaged coil, wind and insulate a new coil, and assemble and lubricate the motor.

From the *ELECTRICAL WORK* series. Motor Maintenance And Repair, No. 6

RESEARCH IN THE ATMOSPHERE
25 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No.* HQA180
Title No. 003273 *Sale* $96.00

Traces the methods of exploring the upper atmosphere and near-earth environment from ancient times until the present, with emphasis on research with balloons and sounding rockets. Shows the technique of scientific 'model building' through a study of ionized helium in the Earth's atmosphere.

RESEARCH INTO CONTROLLED FUSION
55 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No. 003274 *Sale* $191.50

Report on the fusion research programs sponsored by the U S Atomic Energy Commission at Princeton University, Oak Ridge National Laboratory, Los Alamos scientific Laboratory, and the University of California Radiation Laboratory. Outlines the principal problems in controlled fusion. Shows and describes research devices, including the various pinch, mirror, rotating plasma, DCX, and stellarator machines.

RESEARCH PROJECT X-15
27 min, 16mm film, optical sd, col 1966
Producer USNASA *Agency No.* HQ 079
Title No. 003275 *Sale* $113.50

Shows the development of the experimental X-15 research airplane and the results obtained from early X-15 flights. Dramatic photography of flights at the edge of space and landings on dry lake beds are included.

RESEARCH REACTOR SAFETY DEVICE
13 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No. 003276 *Sale* $95.00

As a significant step in reactor safety work, Atomics International has designed, built, and successfuly tested a reactor safety 'fuse,' as part of the U S Atomic Energy Commission's reactor safety program. The device, designed to provide absolute protection by shutting down 'pool' type reactors without the use of external controls, automatically and almost instantaneously shuts down research reactors if an abnormal operating condition occurs.

RESISTIVE BRIDGE CIRCUITS
26 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-134
Title No. 003277 *Sale* $54.75

Identifies a simple resistive bridge circuit and discusses the specific characteristics of resistance ratio, voltage distribution, and current flow. Differentiates between balanced and unbalanced bridges. Verifies voltage distribution and current flow direction, and describes the application of the wheatstone bridge. (Kinescope)

RESISTORS - COLOR CODE
33 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-109B
Title No. 003278 *Sale* $68.25

Gives the purpose of color coding resistors, then explains and shows the relationship of the colors on a resistor. Gives the color code and describes the value indicated by each color. Explains how to use the color code chart and how to read the color code on a resistor, and shows numerous examples. (Kinescope)

RESISTORS - CONSTRUCTION
21 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-109A
Title No. 003279 *Sale* $44.50

States the purpose of resistors and gives the types. The construction and uses of fixed, adjustable, and variable resistors is discussed and demonstrated. Explains which materials are most commonly used in the construction of resistors. Describes and shows the schematic symbols for fixed and variable resistors. (Kinescope)

RESONANT LINES
30 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-614
Title No. 003280 *Sale* $62.50

Explains open and shorted resonant lines. Develops and explains standing waves through use of animation. Shows and explains the phase relationchip of the incident and reflected waves of current and voltage. Shows graphically the location of the loops and nodes of the standing wave of current and voltage, and explains the electrical length between the loops and nodes. (Kinescope)

RESONANT SECTIONS AND MATCHING DEVICES
25 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-616
Title No. 003281 *Sale* $52.50

Discusses the uses of resonant sections of transmission lines. Through the use of diagrams and pictorial representations, defines and explains the operation and gives applications of the following devices--even harmonic filters (series and shunt), metallic insulators, quarter wave matching transformer, half wave matching transformer, line balance converter (bazooka), and capacitive coupled joint. (Kinescope)

RESPIRATORY EXERCISES FOR THE PARKINSON PATIENT
6 min, 16mm film, optical sd, col 1967
Producer USNMAC *Agency No.* M-1442
Title No. 003282 *Sale* $19.50
A demonstration of respiratory exercises designed to enhance the diaphragmatic breathing and lateral costal expansion of the Parkinson patient.

*** RESPONSE TO DISASTER**
20 min, 16mm film, optical sd, col 1964
Producer USAE
Title No. 002183 *Sale* $135.00
Shows widespread destruction caused by the Good Friday, 1964, alaskan earthquake - reconstruction problems presented by geological conditions, including changes in harbor depths and land elevations. It discusses activities of the Office of Emergency Planning, the Federal Reconstruction and Development Planning Commission for Alaska, the Corps of Engineers, and other federal agencies for restoration of damaged public facilities to help speed recovery from a major seismic disaster.

RESPONSE TO MECHANICAL SHOCK
18 min, 16mm film, optical sd, col 1968
Producer USAEC
Title No. 003283 *Sale* $67.25
Illustrates several types of mechanical shock and shows the shock signature (acceleration as a function of time) generated by each shock. Through animation, the parameters used to define mechanical shock are shown--acceleration, velocity, and displacement, and the relationship and interdependence of these three functions are explained. See also 'fundamentals of mechanical vibration'.

RESTLESS RIVER
20 min, 16mm film, optical sd, col 1967
Producer USAE
Title No. 003284 *Sale* $130.00
Presents reasons for channel stabilization works on the lower Mississippi River. Describes many methods attempted in the past, and operations used today in placing flexible concrete mattress at troublesome spots on the banks of this restless, meandering river.

RESTORATION OF THE NRX REACTOR
23 min, 16mm film, optical sd, b&w 1959
Producer USAEC
Title No. 003285 *Sale* W/DRAWN
Describes the 14-month repair and restoration of the NRX reactor at Chalk River, Ontario, following a rapid superoperational power level excursion and discusses the 1959 safety system of the 40 MW reactor.

RESTRAINT FOR SURVIVAL
8 min, 16mm film, optical sd, col 1967
Producer USFAA *Agency No.* FA-0805
Title No. 003286 *Sale* $27.[illegible]5
Demostrates the life-saving potential of shoulder harnesses and seat belts. Documents FAA aeromedical research which simulates aircraft accidents using electronically outfitted 'dummies.'

RETURN TO BIKINI
24 min, 16mm film, optical sd, col 1966
Producer USAEC
Title No. 003287 *Sale* W/DRAWN
A report of the studies made by a research team from the Laboratory of Radiation Biology of the University of Washington, to determine the after-effects of nuclear tests at the Bikini and Eniwetok atolls in the Pacific. Describes in detail how the biological processes on the islands are returning to normal and the results of nuclear testing are radidly fading.

RETURN TO HOLYOKE
15 min, 16mm film, optical sd, col 1969
Producer USN *Agency No.* MN10831
Title No. 003288 *Sale* $62.25
Depicts the visit of the Director of women Marines to Mt Holyoke to commemorate the establishment of Women's Reserve Officer Training School on campus in 1943.

RETURNING FROM THE MOON
29 min, 16mm film, optical sd, b&w 1966
Producer USNASA *Agency No.* HQK-SR9
Title No. 003289 *Sale* $55.75
Explores the problem of getting the Apollo command module safely back through the atmosphere to Earth. Explains the problems of guidance and heating and the manufacturing process for the ablative heat shield.

RETURNS FROM SPACE
27 min, 16mm film, optical sd, col 1966
Producer USNASA *Agency No.* HQA 156
Title No. 003290 *Sale* $108.00
Shows some of the varied 'spinoff' benefits and products of space research and development. Depicts use of sensors for monitoring hospital patients, devices which aid the disabled, the uses of freezedried foods by campers, new technological tools and materials, and microminiaturization of electronic components.

REVOLT OF A GENERATION
20 min, 16mm film, optical sd, b&w 1956
Producer USIA
Title No. 646660 *Rental* W/DRAWN Sale W/DRAWN
Recounts the story of the Hungarian people from the imposition of Communist Party rule in 1948 through the 1956 revolt and Soviet intervention and repression. Shows demonstrations throughout the world condemning Soviet repression, and the exodus of refugees over the Austrian border.

RF AND IF AMPLIFIERS, PT 1
21 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-506
Title No. 003291 *Sale* $44.50
Discusses the single tuned RF amplifiers using capacitive and transformer coupling. Explains circuit operation with respect to a parallel resonant tank in the plate circuit of the capacitance coupled amplifier. Explains circuit operation with respect to a series resonant tank in the grid circuit of the transformer coupled amplifier's second stage. Plots a typical response curve of an amplifier, and requires the students to determine the bandwidth.

RHEOSTATS AND POTENTIOMETERS
23 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-124
Title No. 003292 *Sale* $48.75
Defines a rheostat and a potentiometer. Discusses the characteristics of a rheostat and how it can be used. Gives the characteristics and use of a potentiometer. Concludes with a demonstration of how each of these units are connected in a circuit. (Kinescope)

RHESUS MONKEYS OF SANTIAGO ISLAND, THE PUERTO RICO
33 min, 16mm film, optical sd, col 1963
Producer USNMAC *Agency No.* MIS-0721
Title No. 003293 *Sale* $110.75
Presents scientific observation carried out by scientists on a group of free ranging rhesus monkeys. Among the behavior patterns the film explores, are dominant-subordinate behavior among individuals and groups, feeding, mother-infant relations, and mating.

RHYTHM, SPEED, AND ACCURACY IN HAND SENDING
12 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN 2621 C
Title No. 647750 *Sale* $22.25
Discusses sequence in rhythn and timing. Points out that clear, distinct sending is essential in order to assure proper receiving at destination. Compares several senders' ability by means of the recording tape.

• **RICK - FILE X-258375**
11 min, 16mm film, optical sd, col 1971
Producer USNIMH
Title No 002184
Available only as part of a series. Demonstrates how the probation service responds to a youthful narcotics offender who--unbeknownst to the people coming in contact with him--is actually a probation employee himself. Shows Rick assuming the role of 'offender' and going through the same interview process an actual offender would go through.
From the *PROFESSIONAL DRUG FILMS* series.
RECOMMENDED FOR PROFESSIONAL USE ONLY.

RIDDLE, THE
20 min, 16mm film, optical sd, b&w
Producer USOEO
Title No 004383 *Sale* W/DRAWN
Documentary about the use of narcotics and drugs by young people. Shows the attempt of a young man to make his way instead of 'copping out' with drugs.

RIGGING BLOCKS
11 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No* MN02340H
Title No 003294 *Sale* $19.25
Shows operation of tackle pulleys-whip, gun, luff, and twofold purchase, and explains how mechanical advantage is obtained.

• **RIGHT WAY, THE**
21 min, 16mm film, optical sd, col 1972
Producer USN *Agency No* MH-10748A2
Title No 002185 *Sale* $85.75
Highlights the annual Marine Corps Physical Fitness Program for high school students.

RIGHT-OF-WAY FOR HIGHWAYS
26 min, 16mm film, optical sd, col 1961
Producer USFHWA
Title No 649500 *Sale* $88.00
Shows how a state highway department studies, evaluates, and selects the route for a new highway. Describes the various steps in the appraisal of a property needed for right-of-way and the negotiation for purchase of the property.

RIGID AND SWINGING STAGING
18 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No* MN02340C
Title No 003295 *Sale* $32.00
Shows how to set up rigid staging, use a-frame stage and extension, double boards overlapped, and a lifeline. Tells how to rig swinging staging, using a single width board and lifeline, and how to take down staging and stow it.

RIGID MEDULLARY FIXATION OF FOREARM FRACTURES
16 min, 16mm film, optical sd, col 1961
Producer USA *Agency No* PMF 5340
Title No 003296 *Sale* $66.00
Describes the principles, technique, and advantages of rigid medullary fixation of forearm fractures.

• **RINDERPEST**
18 min, 16mm film, optical sd, col 1955
Producer USDA *Agency No* 1235
Title No 003989 *Sale* $83.00
Describes the history and shows geographical distribution of this disease of cattle, sheep, and goats. Shows the lesions and pathological changes of all organs and tissues affected. Provides excelLent visual information to the veterinarian and student on this foreign disease and outlines measures used to prevent its introduction into this country.

RIOT CONTROL FORMATIONS
24 min, 16mm film, optical sd, col 1967
Producer USA *Agency No* TF19-3799
Title No 649940 *Rental* $10.00 Sale $42.25
Shows the composition and application of basic wedge, line, and echelon formations in riot control operations. Commands, hand signals, and steps in executing these formations and their variants at the squad, platoon, and company level are illustrated.

RIPPING AND CROSSCUTTING
19 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 306
Title No 649950 *Rental* $7.50 Sale $33.75
Shows how each working part of the variety saw functions. Demonstrates how to check saw blades, set the fence, changes saw blades, use a cutoff gage and use a hinged block in crosscutting.
From the *PRECISION WOOD MACHINING* series.

RIPPING AND CROSSCUTTING (SPANISH)
19 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 306
Title No 003297 *Rental* $7.50 Sale $33.75
Shows how each working part of the variety saw functions. Demonstrates how to check saw blades, set the fence, changes saw blades, use a cutoff gage and use a hinged block in crosscutting.
From the *PRECISION WOOD MACHINING* series.

RISE OF THE SOVIET NAVY, THE
28 min, 16mm film, optical sd, col 1969
Producer USN *Agency No* MN10390
Title No 003298 *Sale* $113.50
Traces the rise of Soviet seapower from the Imperial Navy of the Czar to the Navy of today. Done in documentary style. Narrated by Richard Basehart.

• **RIVER OF MAIL**
9 min, 16mm film, optical sd, col 1968
Producer USPO
Title No 650902 *Sale* $31.00
Indicates that there is too much mail for the government to handle easily. Portrays the attempts being made at modernization, while emphasizing how enormous mail has become, as an American business tool and as an American government problem.

• **RIVER RUN**
15 min, 16mm film, optical sd, col 1951
Producer USDA *Agency No* 1102
Title No 651067 *Sale* $70.00
Explains that the proper management of forests can bring continung prosperity over the years, benefiting the owners, the community and the Nation, portrays log drive which has almost vanished from the American scene. Describes how the Machais River Watershed in Maine has been supplying timber continuously for almost 200 years and that these log drives are still being made by the descendants of the river drivers of old.

RIVER, THE
32 min, 16mm film, optical sd, b&w 1939
Producer USDA
Title No 651100 *Sale* $66.50
Traces life in the Mississippi River Valley during the last 150 years. The consequences of sharecropping, soil exhaustion, unchecked erosion and floods are shown. Concludes with scenes of regional planning, T V A development and correlated federal efforts.

• **RL TRANSIENTS**
13 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-802
Title No 003299 *Sale* $28.50
Determines the values of voltage and current at various time intervals in a series RL circuit with a DC voltage applied. Shows time constant chart. (Kinescope)

ROAD TO PEACE
9 min, 16mm film, optical sd, b&w 1951
Producer USA
Title No 003300 *Sale* $19.00
Explains that the people of the East stand at a crossroads with one of two paths to follow--peace or war--and that the road to peace lies in the program of the United Nations.

ROAD TO THE WALL
29 min, 16mm film, optical sd. b&w 1962
Producer USA *Agency No.* TV-560
Title No. 004384 *Sale* W/DRAWN
Documents the rise of communism from ST. Petersburg, Russia, in early days of Lenin and Trotsky to Berlin and Cuba under the influence of Krushchev.
From the *BIG PICTURE* series.
NOT CLEARED FOR TV

• ROADMAP TO LESS EFFORT - THE FLOW PROCESS CHART
15 min, 16mm film, optical sd. b&w 1973
Producer USA *Agency No.* MF-61-5720
Title No. 003574 *Sale* $32.50
Illustrates the use, preparation, and analysis of the flow process chart, a device for the solution of work efficiency problems. Analysis of the chart enables actions to be eliminated, combined, changed, or reassigned.

ROBERT FROST
28 min, 16mm film, optical sd. col 1960
Producer USIA *Agency No.* 01-02496
Title No. 004385 *Rental* W/DRAWN *Sale* W/DRAWN
Shows Robert Frost reading his poems at his New England home.

• ROBERT JOFFREY BALLET
30 min, 16mm film, optical sd. b&w 1967
Producer USIA *Agency No.* 04-02524
Title No. 004386 *Rental* W/DRAWN *Sale* W/DRAWN
A performance which shows the company's versatility and range of repertory, from romantic ballet to jazz and modern dance.

• ROCK BOLTING IN ORE MINES
24 min, 16mm film, optical sd. col 1964
Producer USBM
Title No. 003544 *Sale* $101.75
Points up the safe methods of rock bolting practiced in the underground mineral mines of the western part of the United States. Various installations and bolting patterns are shown, along with actual mining scenes that highlight the effectiveness of rock bolting.
PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15213. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

• ROOF BOLTING IN COAL MINES
26 min, 16mm film, optical sd. col 1964
Producer USBM
Title No. 000839 *Sale* $74.00
Stresses the importance of roof bolting to the coal mining industry. Explains the principle and purpose of roof bolting through the use of working models, laboratory demonstrations, and actual underground application and tests. Emphasizes the roof-control process with the function of safety.
PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15213. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

ROOF RAT, HABITS AND CHARACTERISTICS, THE
8 min, 16mm film, optical sd. b&w 1954
Producer USNMAC *Agency No.* M-037.1C
Title No. 001755 *Sale* $14.25
Explains and pictures the characteristics and habits of the roof rat-its climbing ability, physical characteristics, and feeding and nesting habits. Makes the point that only by knowing the habits of the roof rat can man control it. No. 3 of series.

ROOM AT THE TOP
28 min, 16mm film, optical sd. b&w 1966
Producer USNASA *Agency No.* HQK-SR7
Title No. 003301 *Sale* $55.75
At the top of the Saturn-Apollo is the command module, the crew quarters, flight center and command post for the flight to the Moon. The top of Saturn V is examined in detail.

ROTATING MAGNETIC FIELDS
13 min, 16mm film, optical sd. b&w 1945
Producer USOE *Agency No.* OE 384
Title No. 656700 *Rental* $7.50 *Sale* $23.75
Explains a rotating magnetic field pattern, three-phase winding in a demonstration stator, factors that cause rotation of the magnetic field, and the construction of polyphase motors.
From the *ELECTRICAL WORK* series. Electrical Machinery, No. 2

ROUGH GRINDING
26 min, 16mm film, optical sd. b&w 1944
Producer USOE *Agency No.* OE 180
Title No. 003302 *Rental* $10.00 *Sale* $45.50
Explains three methods of rough grinding lenses--by hand, pin-bar, and mechanical curvature generator. Shows in detail how to hand grind a concave lens.
From the *OPTICAL CRAFTSMANSHIP* series. Spherical Surfaces

ROUGH GRINDING BY PIN-BAR
19 min, 16mm film, optical sd. b&w 1944
Producer USOE *Agency No.* OE 181
Title No. 006426 *Rental* $7.50 *Sale* $33.75
Depicts how to use job card, select and adjust grinding tool, use abrasive, perform the grinding operation, clean the grinding tool, and correct worn grinding tools.
From the *OPTICAL CRAFTSMANSHIP* series. Spherical Surfaces

ROUGH GRINDING WITH A CURVATURE GENERATOR
15 min, 16mm film, optical sd. b&w 1944
Producer USN *Agency No.* MN 02449D
Title No. 657055 *Sale* $27.00
Demonstrates rough grinding of spherical surfaces by the curvature generator process. Illustrates theory, function, and operation of the curve generating diamond grinding wheel.

ROUGH GRINDING WITH VERTICAL SURFACE GRINDER FLAT SURFACES
26 min, 16mm film, optical sd. b&w 1944
Producer USN *Agency No.* MN 02449F
Title No. 657060 *Sale* $45.50
Describing machine grinding flat surfaces, and methods of blocking to grind all surface with a minimum of changes in position.

ROUGH LINE-BORING
19 min, 16mm film, optical sd. b&w 1945
Producer USOE *Agency No.* OE 229
Title No. 657070 *Rental* $7.50 *Sale* $33.75
Tells how to install the boring bar and cutters. Describes how to bore, counterbore, and spot-face holes as well as how to reposition from one hole to another.
From the *MACHINE SHOP WORK* series. Operations on the Horizontal Boring Mill, No. 5

ROUGH TURNING BETWEEN CENTERS
15 min, 16mm film, optical sd. b&w 1941
Producer USOE *Agency No.* OE 006
Title No. 003303 *Rental* $7.50 *Sale* $27.00
Shows how to set up an engine lathe, operate the controls, grind clearances on cutting tools, and roughturn round bar stock to a specified diameter.
From the *MACHINE SHOP WORK* series. Operations on the Engine Lathe, No. 1

ROUGH FACING, BORING, AND TURNING A SHOULDER
22 min, 16mm film, optical sd. b&w 1942
Producer USOE *Agency No.* OE 017
Title No. 657050 *Rental* $7.50 *Sale* $38.50
Shows how to set up a rough casting on a vertical turret lathe, face a flange and turn a shoulder with the sidehead

turret, and face a flange and bore a hole with the vertical turret.
From the *MACHINE SHOP WORK* series.

ROUGH-FACING, TURNING, AND DRILLING
31 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No.* OE 016
Title No. 006427 *Rental* $10.30 *Sale* $53.50
Tells how to operate the controls of a vertical turret lathe, set up tools in the main turret head, rough-face and rough-turn an aluminum casting, and drill the center hole.
From the *MACHINE SHOP WORK* series. Operations on the Vertical Boring Mill, No. 1

ROUGHING-IN NONMETALLIC SHEATHED CABLE
24 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 373
Title No. 657110 *Rental* $10.00 *Sale* $42.25
Tells how to determine the location of required runs, install an offset bar hanger and ceiling outlet box and rough-in a circuit run. Describes how to make up connections for switches, receptacles, and fixtures.
From the *ELECTRICAL WORK* series. Wiring No. 3

● **ROUNDUP**
18 min, 16mm film, optical sd, col 1960
Producer USDA *Agency No.* 1441
Title No. 003991 *Sale* $85.00
Tells a story of the peacetime use of atomic energy to eradicate an insidious pest--the screwworm. Shows how Florida and other Southeastern States collaborated in a research and eradication program - how the world's biggest 'fly factory' was built - and how 10 million sterilized male flies were released by air over infested areas every day for months.

● **ROUNDUP (SPANISH)**
18 min, 16mm film, optical sd, col 1960
Producer USDA *Agency No.* 4644
Title No. 003799 *Sale* $85.00
Tells a story of the peacetime use of atomic energy to eradicate an insidious pest--the screwworm. Shows how Florida and other Southeastern States collaborated in a research and eradication program - how the world's biggest 'fly factory' was built - and how 10 million sterilized male flies were released by air over infested areas every day for months.

RUBBER DAM IN DENTISTRY, THE
19 min, 16mm film, optical sd, col 1955
Producer USN *Agency No.* MN09346
Title No. 003304 *Sale* $65.00
Illustrates the use of the rubber dam in restorative dentistry and shows, in detail, techniques of its application.

RULES IN FOG
17 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN00202V
Title No. 003305 *Sale* $30.50
Explains when to use fog and danger signals, the meaning of fog signals under inland and international rules, and how to determine safe speed in fog.

RULFS OF THE NAUTICAL ROAD - INTRODUCTION
22 min, 16mm film, optical sd, b&w 1950
Producer USN *Agency No.* MN00202B
Title No. 003306 *Sale* $30.50
Discusses international rules of navigation. Presents through animation and live action, the inportance of taking bearings, and selected nautical terms.

RULES OF THE ROAD FOR BOATMEN
16 min, 16mm film, optical sd, col 1959
Producer USCG
Title No. 003307 *Sale* $63.00
Presents through animation and live action, the meeting, passing, and overtaking situations, as well as small craft verus large vessels, and proper procedure in fog.

RULES OF THE ROAD, INTERNATIONAL - RESTRICTED VISIBILITY SITUATIONS
10 min, 16mm film, optical sd, b&w 1955
Producer USN *Agency No.* MN09302G
Title No. 003308 *Sale* $17.50
Shows what to do in situation when visibility is restricted.

RULES OF THE ROAD, INTERNATIONAL - SPECIAL DAYTIME SITUATIONS
11 min, 16mm film, optical sd, col 1955
Producer USN *Agency No.* MN09302D
Title No. 003309 *Sale* $37.25
Illustrates special signals to warn other vessels of a ship's situation, and explains in each instance the action to be taken by the observing ship.

RULES OF THE ROAD, INTERNATIONAL - VESSEL CROSSING, DAYTIME
21 min, 16mm film, optical sd, b&w 1956
Producer USN *Agency No.* MN09302B
Title No. 003310 *Sale* $37.00
Shows what should be done when vessels cross in the daytime.

RULES OF THE ROAD, INTERNATIONAL - VESSELS OVERTAKING, DAYTIME
19 min, 16mm film, optical sd, b&w 1956
Producer USN *Agency No.* MN09302C
Title No. 003311 *Sale* $33.75
Shows procedures when vessels are overtakimg in daytime, and stresses the obligation of all vessels in obeying the rule that the overtaking vessel must keep out of the way of the overtaken vessel.

RUNNING A PERMANENT LINE AND BORING
32 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 341
Title No. 658060 *Sale* $65.00
Tells how to run the permanent line, establish reference marks, install and adjust the boring bar, and rough-and finish-bore propeller post and various bulkheads to specifications.
From the *SHIPBUILDING SKILLS* series. Marine Machinery Installation, No. 8

RUNNING A TEMPORARY LINE
22 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 100
Title No. 658065 *Sale* $46.25
Describes how the propeller post is prepared for running a temporary line, how to adjust a line to the center of bulkhead openings, how to eliminate the sag when a line has been run, and how a temporary line is checked for proper position.
From the *SHIPBUILDING SKILLS* series. Marine Machinery Installation, No. 6

● **RURAL HOLIDAYS**
25 min, 16mm film, optical sd, col 1964
Producer USDA *Agency No.* 3674
Title No. 658180 *Sale* $113.00
Explains that farmer and ranchers offer many kinds of rural recreation, points out that community watershed lakes and picnic grounds are among the benefits of the watershed protection program.

RURAL RAT CONTROL
16 min, 16mm film, optical sd, b&w 1951
Producer USNMAC *Agency No.* 04-00116
Title No. 003312 *Sale* $28.50
Explains how a farmer who understands rat habits can free his farm of rats through ratproofing buildings and food sources, burying garbage in a one-man land fill, and using approved poisons.

RURAL RAT CONTROL (SPANISH)
16 min, 16mm film, optical sd, b&w 1951
Producer USNMAC *Agency No.* 04-00116
Title No. 003349 *Sale* $28.50
Explains how a farmer who understands rat habits can free his farm of rats through ratproofing buildings and food

● INDICATES NEW ENTRY

sources, burying garbage in a one-man land fill, and using approved poisons.

RX - INNOVATION
12 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No* M-1047
Title No 003313 *Sale* $40.50
With the telescopy possible through the use of the motion pictures, the film emphasizes communication problems resulting from the explosion of population, biomedical knowledge, and curriculum content and suggests possible methods for their solution.

RX - INNOVATION (FRENCH)
12 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No* M-1403
Title No 003314 *Sale* $40.50
With the telescopy possible through the use of the motion pictures, the film emphasizes communication problems resulting from the explosion of population, biomedical knowledge, and curriculum content and suggests possible methods for their solution.

RX - INNOVATION (SPANISH)
12 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No* M-1351
Title No 003315 *Sale* $40.50
With the telescopy possible through the use of the motion pictures, the film emphasizes communication problems resulting from the explosion of population, biomedical knowledge, and curriculum content and suggests possible methods for their solution.

RX ATTITUDE
18 min, 16mm film, optical sd, b&w
Producer USVA
Title No 003316 *Sale* $32.00
Shows the importance of attitudes exhibited by hospital personnel toward mental patients, and portrays the effects of such attitudes upon patients in a Veterans Administration mental hospital. Primarily for the information and training of hospital personnel.

RX FOR A RIVER
17 min, 16mm film, optical sd, col
Producer USAE
Title No 003317 *Sale* $68.00
Shows how the lower Mississippi River, if left to its own devices, would meander its way to the Gulf of Mexico in an everchanging pattern of alignment, eroding its banks, breaching protective levees, destroying property, ruining the navigation channel, and disrupting waterborne commerce. The overall 'prescription' of the Army engineers to place and maintain the lower Mississippi River in a fixed channel is explained clearly by artwork.

RX FOR FLIGHT
18 min, 16mm film, optical sd, col 1966
Producer USFAA *Agency No* FA-0606
Title No 003318 *Sale* $66.00
Shows some of the aero-medical problems that face general aviation pilots. In a cause-and-effect manner, this film briefly covers such aeras as alcohol, drugs, hypoxia, disorientation, smoking and safety equipment.
CLEARED FOR TV

***S A C COMMAND POST, THE**
17 min, 16mm film, optical sd, col 1970
Producer USAF *Agency No* SFP-1795
Title No 003095 *Sale* $72.00
Presents a candid look at the daily operation of the Air Command. Traces the wartime history and philosophy that led to the creation of SAC's command-control system.

***S O S COURSE, THE**
198 1973
Producer USCG
Title No 002195 *Sale* $28.50
Introduces the basic course of safe boating for the novice small boatman. Developed by the U. S. Coast Guard, the course covers legal requirements, equipment, presailing preparations, underway, emergencies, and returning home.

SAFE DRIVING IN BAD WEATHER, PT I, LIGHT VEHICLES
17 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TF01-5013
Title No 659601 *Sale* $30.50
Shows driving hazards in rain, snow, and on ice, and how to overcome them.

SAFE DRIVING IN BAD WEATHER, PT 2, TRUCKS AND TRACTOR-TRAILERS
16 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TF1-5013
Title No 003319 *Sale* $28.50
Explains the importance of knowing your vehicle, driving according to road conditions, using badweather equipment furnished with a truck, and always being on the alert.

SAFE HANDLING OF ENRICHED URANIUM, THE
22 min, 16mm film, optical sd, col
Producer USAEC
Title No 003320 *Sale* $74.75
Introduces the concept of nuclear fission and criticality, and explains the reason for various safety procedures observed in the handling of enriched uranium and other fissionable materials.

SAFE HANDLING OF LABORATORY ANIMALS
14 min, 16mm film, optical sd, col
Producer USNMAC *Agency No* M-455
Title No 003321 *Sale* $48.50
Demonstrates techniques of handling laboratory animals by caretakers. Emphasizes methods of avoiding injury and infection, both to the caretaker and his animals. Methods for restraining monkey, lifting dogs to the laboratory bench, etc.

***SAFE SIDE CLYDE**
29 min, 16mm film, optical sd, col 1969
Producer USDA *Agency No* 7365
Title No 001872 *Sale* $143.00
Designed to stimulate interest in safety, it will help build a positive attitude toward the safe way to work. The cast is made up of Job Corps enrollees.

***SAFE USE OF PESTICIDES**
21 min, 16mm film, optical sd, col 1964
Producer USDA *Agency No* 1570
Title No 660200 *Sale* $97.00
Explains the proper use of pesticides, emphasizing the importance of following instructions on the labels to avoid seizure of crops because of harmful residue.

SAFEGUARDING DEFENSE INFORMATION - WHY WE NEED SECURITY
29 min, 16mm film, optical sd, b&w 1964
Producer USA *Agency No* TF30-3434
Title No 003322 *Sale* $50.25
Outlines reasons for military security measures. Defines requirement for military security in a 'coldwar' climate as well as during actual conflict.
THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY.

SAFEGUARDING MILITARY INFORMATION
16 min, 16mm film, optical sd, b&w 1949
Producer USA *Agency No* TF30-1523
Title No 003323 *Sale* $28.50
Stresses the importance of safeguarding military information for both military and civilian personnel.

***SAFEST PLACE, THE**
14 min, 16mm film, optical sd, col 1963
Producer USDA *Agency No* 4015
Title No 003992 *Sale* $64.00
Shows how to pick out the 'safest place' around the farm for atomic survival and to lessen the danger from radioactive fallout. Depicts what a rural family can do and how to complete the family-survival plan.

***SAFEST PLACE, THE (SPANISH)**
14 min, 16mm film, optical sd, col 1963
Producer USDA *Agency No* 4015-S
Title No 003800 *Sale* $64.00
Shows how to pick out the 'safest place' around the farm for atomic survival and to lessen the danger from radioactive fallout. Depicts what a rural family can do and how to complete the family-survival plan.

SAFETY BY THE NUMBERS
31 min, 16mm film, optical sd, col 1969
Producer USFAA *Agency No* FA-0802
Title No 003324 *Sale* $104.25
Illustrates a pilot's switch from familiar single-engine operations to twin-engine aircraft along with proper in-flight procedures to follow in the event of engine failure.

***SAFETY CONSCIOUSNESS**
10 min, 16mm film, optical sd, col 1969
Producer USBM
Title No 003534 *Sale* $39.00
Various people at work and play demonstrate how to develop safe attitudes in their daily activities by their clarity in thinking, acting, and outlook on life.
From the *FOREMANSHIP TRAINING* series.
PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

SAFETY EXPERIMENTS WITH A BOILING REACTOR
20 min, 16mm film, optical sd, b&w 1956
Producer USAEC
Title No 003325 *Sale* $38.50
Records a series of safety experiments with a prototype boiling water reactor consisting of a pressure vessel containing an assembly of uraniumbearing plates submerged in water plus a control mechanism. After showing a number of reactor excursions, some of which expel the water from the reactor, the film shows the deliberate destruction of the reactor assembly, when the reactor is allowed to 'run away.'

***SAFETY FOR SURE**
11 min, 16mm film, optical sd, col 1959
Producer USDA *Agency No* 1431
Title No 000834 *Sale* $50.00
Points out the sure way to safety and the four key points to be taught on any job--size up the situation - use your safety code and follow instructions - protect your fellow workers, and establish an alternate plan. The positive points, if carried out, can prevent injury.

SAFETY IN HIGHWAY SURVEYING
25 min, 16mm film, optical sd, col 1960
Producer USFHWA
Title No 660810 *Sale* $84.75
Shows the hazards and appropriate precautions for a highway survey party working in rough country, dense vegetation, timberland, and mountainous country, as well as along the highway. Explains safe working practices for various hand tools and equipment. Survey work and inspections performed during construction are also included. Precautions taken for the safety and convenience of the traveling public during survey and construction are shown.

***SAFETY IN SALT - THE TRANSPORTATION, HANDLING AND DISPOSAL OF RADIOACTIVE WASTE**
29 min, 16mm film, optical sd, col 1971
Producer USAEC *Agency No* 0458
Title No 002187 *Sale* $113.50
Outlines the reserach and rationale to establish the first Federal Radioactive Waste Repository in an abandoned salt mine in Lyons, Kansas. Describes tests which are done to determine that the approved packages will withstand severe transportation accidents without release of radioactivity.

***SAFETY IN STRIP MINING**
24 min, 16mm film, optical sd, col 1961
Producer USBM
Title No 003542 *Sale* $101.75
Presents a general treatment of surface (strip) mining operations and the hazards connected WTH specific jobs--truck haulage, blasting, falling material, power cables, etc. By direct, face-to-face communication with the workmen, and on-the-job safety instruction, the company director is able to accomplish his goal.
PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

SAFETY IN THE PLOWSHARE PROGRAM
22 min, 16mm film, optical sd, col 1966
Producer USAEC
Title No 003326 *Sale* $89.75
Documents the safety precautions which are taken During experiments or projects in the U S program to develop peaceful uses of nuclear explosives, as described in the Atomic Energy Commission film 'plowshare.' Shows how radioactivity and other effects of nuclear explosions are controlled in order to insure the public safety.

SAFETY IN THE SHOP
12 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 481
Title No 003327 *Rental* $7.50 Sale $22.25
Dramatizes three typical shop accidents and shows how poor supervision or inadequate training may have been the real cause behind these 'accidents'.
From the *PROBLEMS IN SUPERVISION* series.

SAFETY IN THE SHOP (SPANISH)
12 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 481
Title No 003350 *Rental* $7.50 Sale $22.25
Dramatizes three typical shop accidents and shows how poor supervision or inadequate training may have been the real cause behind these 'accidents'.
From the *PROBLEMS IN SUPERVISION* series.

SAFETY ON-THE-JOB AT SEA
17 min, 16mm film, optical sd, b&w
Producer USN *Agency No* MN08639
Title No 661125 *Sale* $30.50
Describes the organization for shipboard safety, how shipboard accidents can occur, accident prevention measures, and the importance of crew safety consciousness.

SAFETY PIPETTING
5 min, 16mm film, optical sd, col
Producer USNMAC *Agency No* M-1160
Title No 003328 *Sale* $16.25
Presents three commonly used instruments that are used in the laboratory for safety pipetting. The operation of these instruments is shown in detail.

***SAFETY PRACTICES IN LOW-COAL MINING**
15 min, 16mm film, optical sd, col 1971
Producer USBM
Title No 003541 *Sale* $66.00
Shows the special hazards workmen must guard against in thin-seam mines. It illustrates how restricted work space, curtailed field of vision, and cramped body position can intensify the dangers invclved in working with fast-moving, high-powered machines. Teamwork, alertness, and know-how are emphasized for preventing accidents.
PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

SAFETY PRECAUTIONS FOR ELECTRONICS PERSONNEL
18 min, 16mm film, optical sd, b&w
Producer USN *Agency No* MN06754
Title No 661450 *Sale* $32.00
Shows electrical and mechanical hazards which electronics technicians encounter in their normal work, and stresses precautions which should be employed to prevent accidents.

SAM'L AND SOCIAL SECURITY
5 min, 16mm film, optical sd, col
Producer USSSA
Title No 004387 *Sale* W/DRAWN
Explains what Sam'l needs to know and do about his social security. By means of animations.

SAMPLE MOUNTING TECHNIQUES, EVAPORATION
7 min, 16mm film, optical sd, col
Producer USNMAC *Agency No* M-1342
Title No 003329 *Sale* $24.50
Shows three methods for mounting solid samples by evaporation--pouring a slurry, pipetting a slurry, and pouring a dissolved solution.

SAMPLE MOUNTING TECHNIQUES, FILTRATION
7 min, 16mm film, optical sd, col
Producer USNMAC *Agency No* M-1343
Title No 003330 *Sale* $22.75
Shows in mounting solid samples that filtration is a common technique used to mount precipitated samples by the use of a vacuum, suction flask, filter paper and filter tower. The demonstration shows 3 types of filter towers--glass, teflon ans stainless steel. Shows filter paper placed in a counting dish and dried under a heat lamp and more permanently mounted with a ring and disk.

SAND DRAINS
24 min, 16mm film, optical sd, col
Producer USFHWA
Title No 663648 *Rental* $12.50 Sale $81.50
Explains the sand drain method of consolidating swampy areas for the construction of highways. Through the use of animation and scenes of an actual project, the sequence of preparing the site, driving the sand drains, placing the control devices and overload, final preparation of the roadway, and paving are shown.

SANDIA SPINOFF
15 min, 16mm film, optical sd, col 1967
Producer USAEC
Title No 003332 *Sale* $63.75
Demonstrates how high reliability requirements in the U S nuclear weapons program have resulted in scientific developments at AEC's Sandia Laboratory which have peaceful 'spinoff' applications for hospitals and industry.

SANDING FLAT AND IRREGULAR SURFACES
19 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 312
Title No 663650 *Rental* $7.50 Sale $33.75
Shows how to operate a sander belt and prepare it, to sand flat stock on a belt sander, to sand curved molding and to use and replace sandpaper.
From the *PRECISION WOOD MACHINING* series. Operations On the Sander, No. 1

* **SANITARY LANDFILL - ONE PART EARTH TO FOUR PARTS REFUSE**
24 min, 16mm film, optical sd, col 1969
Producer USEPA *Agency No* M-1740-X
Title No 002188 *Sale* $07.75
Presents specific details for the design and operation of sanitary landfills. Concerns landfills with capactiy of at least 200 tons per day, but allows for application of information to smaller facilities.

SANITARY STORAGE AND COLLECTION OF REFUSE
19 min, 16mm film, optical sd, col
Producer USNMAC *Agency No* M-0004
Title No 663800 *Sale* $65.00
Shows operations essential to the sanitary handling and storage of refuse by individual citizens. Also shows the municipal collection of such refuse from homes, restaurants markets, and other sources.

SANITATION TECHNIQUES IN RAT CONTROL
12 min, 16mm film, optical sd, b&w
Producer USNMAC *Agency No* M-371D
Title No 663850 *Sale* $22.25
Explains the importance of controlling rats by cutting down their food supply, and suggests various methods of garbage and refuse storage and removal. No. 4 of series.

SARAH WILSON
8 min, 16mm film, optical sd, col
Producer USNMAC *Agency No* M-0993
Title No 664010 *Sale* $27.75
Shows an 'open end' situation aimed at promoting guided group discussion. Shows how, at a meeting of health office personnel, a proposal by one member encounters opposition from the majority of the group.

SATELLITE ASTRONOMY - PROGRESS AND PROMISE
17 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No* HQ 193
Title No 003333 *Sale* $70.25
Reviews principal results of unmanned satellite exploration of the Moon, near planets and the stars during the past decade, and briefly describes proposed studies in the 1970's of the Sun and both near and distant planets.

SATURABLE REACTORS
23 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-701
Title No 003334 *Sale* $48.75
Develops a hysteresis loop through the use of an applied AC sine wave to a coil containing a core material. The production includes the core's control on the loop shape, the effect on switching action, and how the loop is associated with the operation of a saturable reactor. A very basic saturable reactor is used to show how saturation of the reactor core controls the voltage applied to a series load. (Kinescope)

SATURN FIRST STAGE
5 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No* AD 010
Title No 003335 *Sale* $25.25
A detailed look at the first stage of the Saturn 5. Explains the role of the first stage and its various components.
From the *APOLLO DIGEST* series.

SATURN SECOND STAGE
5 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No* AD 011
Title No 003336 *Sale* $21.75
A close-up view of the Saturn second stage. Includes scenes of manufacturing and testing.
From the *APOLLO DIGEST* series.

SATURN THIRD STAGE
5 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No* AD 012
Title No 003337 *Sale* $25.75
A report on the final stage of the Saturn. Includes scenes of test firings and examines the precise role of the stage during flight.
From the *APOLLO DIGEST* series.

SAUCE FOR THE GANDER
22 min, 16mm film, optical sd, col 1968
Producer USN *Agency No* MN10544
Title No 003338 *Sale* $89.75
Examines attitudes of a man who expects perfection from others. Shows importance of a right-the-first-time attitude, which also applies to him.

* **SAVE MORE LAMBS**
7 min, 16mm film, optical sd, b&w 1951
Producer USDA *Agency No* 1109
Title No 001896 *Sale* $20.00
Shows farmers how to properly care for the ewe before and after lambing in order to cut down death losses among baby

lambs. This picture is especially useful during the lambing season.

*** SAVE THE SOIL**
11 min, 16mm film, optical sd, b&w 1940
Producer USDA *Agency No.* 554-R
Title No. 664351 *Sale* $25.00
Shows ways of conserving soil fertility, including terracing, cover-cropping, crop rotation and the use of fertilizers.

SAWING A REVERSE CURVE AND A BEVEL REVERSE CURVE
18 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 310
Title No. 664500 *Rental* $7.50 Sale $32.00
Shows how to select and lay out stock to avoid waste, reverse curves to contour lines, use the table tilting gage, saw a beveled reverse curve, prepare a template for a newel post and saw a newel post.
From the *PRECISION WOOD MACHINING* series. Operations On the Band Saw, No. 2

SAWING AN INTERNAL IRREGULAR SHAPE
32 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 239
Title No. 664550 *Rental* $10.00 Sale $55.25
Shows how to drill the saw-starting hole, make the saw selection, set up a band saw machine, weld saw bands, saw an internal contour shape and store a band saw.
From the *MACHINE SHOP WORK* series. Operations on the Metal Cutting Band Saw, No. 1

SAWING TEMPLATE METAL
17 min, 16mm film, optical sd, b&w
Producer USOE *Agency No.* OE 128
Title No. 664560 *Rental* $7.50 Sale $30.50
Tells how to mount a saw blade on a band saw, select and adjust blade guides, saw to a layout line, 'chew out' metal from a notch, and remove burrs.
From the *AIRCRAFT WORK* series. Templates, No. 4

SAWING WITH JIG AND CHANGING BAND
20 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 309
Title No. 664600 *Rental* $7.50 Sale $35.25
Shows how to select proper band saw blades for the job, adjust saw guides, mark stock and cut to the mark, prepare a jig, and cut discs using a jig.
From the *PRECISION WOOD MACHINING* series.

*** SAY IT WITH HANDS--A SERIES**
780 min, 16mm film, optical sd, col
Producer USBEH
Title No. 003424 *Sale* $1352.00
A series of 26 thirty-minute lessons which develop expressive and receptive manual communication skills, including finger spelling and the language of signs.

SCATTER RADAR - SPACE RESEARCH FROM THE GROUND
23 min, 16mm film, optical sd, col
Producer USESSA
Title No. 004388 *Sale* W/DRAWN
Describes the installation of and the upper atmosphere research carried on at the jicamarca observatory, established near Lima, Peru. The technique used for scatter radar research at Jucamarca is explained through the use of simple animation. Cleared for TV.

SCHISTOSOMES IN THE PRIMARY HOST
7 min, 16mm film, silent, b&w
Producer USNMAC *Agency No.* 04-00063
Title No. 665240 *Sale* $12.50
Shows through photomicrography the development of schistosomes, male and female, in various stages of growth in primary hosts-rabbit and mouse. Recommended for professional use.

SCHOOL FOR STRINGS
10 min, 16mm film, optical sd, b&w 1963
Producer USIA *Agency No.* 01-02605
Title No. 003339 *Rental* W/DRAWN Sale W/DRAWN
Reflects the aura of dedication, excellence, and, even genius, at meadowmount school of music, one of the foremost institutions in the world for the study of stringed instruments.

SCHOOL OTOLOGICAL-AUDIOLOGICAL FOLLOW-UP
10 min, 16mm film, optical sd, col 1970
Producer USBEH
Title No. 666152 *Sale* $58.00
Presents otological and audiological assessment within the School for the Partially Hearing and hearing aid check at the School for the Deaf, Stockholm.
From the *INTERNATIONAL EDUCATION OF THE HEARING Impaired Child Series.*

SCIATIC PAIN AND THE INTERVERTEBRAL DISK
33 min, 16mm film, optical sd, col
Producer USN *Agency No.* MN-1966
Title No. 003340 *Sale* $110.75
Explains symptons and treatment of functional and organic rupturing of the spine in the lower lunbar region, especially at the intervertebral disk.
FOR MEDICAL PERSONNEL.

SCIENCE THROUGH DISCOVERY
28 min, 16mm film, optical sd, b&w
Producer USOE *Agency No.* OE 504
Title No. 003341 *Sale* $48.75
Shows children in grades one through six learning about science thorugh a variety of procedures with emphasis upon experimenting, demonstrating, and thinking.

SCIENTIST IN THE SEA
16 min, 16mm film, optical sd, col 1967
Producer USN *Agency No.* MN10320
Title No. 003342 *Sale* $55.00
Tells how an oceanographer, skilled in the use of scuba gear, utilizes his scientific knowledge to aid in the study of the ocean.

SCINTILLATION CAMERA FOR MEDICAL DIAGNOSIS
10 min, 16mm film, optical sd, col 1964
Producer USAEC
Title No. 003343 *Sale* $36.50
Explains the diagnostic purpose of the scintillation camera in locating gamma-emitting isotopes within the human body. Uses animation to describe the equipment of the camera and its use in studying thyroid and kidney disorders. Describes a modified camera apparatus with position emitting isotopes that can be used in the diagnosis of brain tumors.

SCRAMBLE TWO - THE JOINT USE OF AIR DEFENSE AND AIR TRAFFIC CONTROL FACILITIES
20 min, 16mm film, optical sd, col
Producer USAF *Agency No.* SFP 1109
Title No. 668920 *Sale* $68.25
Depicts the co-operation between Air Defense Command and Federal Aviation Agency in sharing radar data to accomplish their missions of Air Defense and Air Traffic control. Agency cooperation.

*** SCRAPIE**
8 min, 16mm film, optical sd, col 1954
Producer USDA *Agency No.* 1189
Title No. 003993 *Sale* $40.00
Briefly reviews the history of scrapie, and obscure disease of sheep - illustrates the key symptoms, indicates methods of careful diagnosis, and tells ways of combating the disease.

SCRAPING FLAT SURFACES
14 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No.* OE 035
Title No. 668990 *Rental* $7.50 Sale $25.50
Shows how surface plates are used to check the flatness of surfaces. Discusses the types of scrapers and shows how to remove high spots and to determine when a surface is scraped flat.
From the *MACHINE SHOP WORK* series. Bench Work, No. 2

* INDICATES NEW ENTRY

SCULPTOR, THE

10 min, 16mm film, optical sd, b&w 1963
Producer USIA *Agency No.* 01-02579
Title No. 004389 *Rental:* W/DRAWN Sale: W/DRAWN

Deals with a young man associated with Massachusetts Institute of Technology and involved with the development of casting techniques as a by-product of rocket research. Explores the link between art and industry as well as the personal life and environment of this young sculptor.

SEA POWER - A DESTINY UPON THE WATERS

28 min, 16mm film, optical sd, col 1968
Producer USN *Agency No.* MN10365A
Title No. 003344 *Sale* $113.50

A time span from the Phoenicians to the mid-18th century is bridged to show the evolution of naval power and its impact on the development of empires and the age of exploration.

SEA POWER - SEAS OF LIBERTY

28 min, 16mm film, optical sd, col 1968
Producer USN *Agency No.* MN10365B
Title No. 003345 *Sale* $113.50

Illustrates the impact of sea power on the national economy, geopolitical aspects of the seas from the mid-18th century, and the necessity for freedom of the seas.

SEA POWER - THE SEA IS A SPECIAL PLACE

28 min, 16mm film, optical sd, col 1968
Producer USN *Agency No.* MN10365D
Title No. 003346 *Sale* $113.50

Shows the responsibilities of command, and the demands and rewards for the people who make the complex and sophisticated naval machinery work.

SEA POWER IN THE PACIFIC

30 min, 16mm film, optical sd, b&w
Producer USN *Agency No.* MN06124
Title No. 669825 *Sale* $52.00

Traces the history and depicts the role of American sea power in the Pacific during World War II.

SEA RIVER, THE

14 min, 16mm film, optical sd, col 1965
Producer USGS
Title No. 004390 *Sale* $48.50

Documents the first scientific measurement of the Amazon conducted in the summer of 1963 by a four-man team from the U.S. Geological Survey in co-operation with the Brazilian Navy and the University of Brazil.

SEALAB I

28 min, 16mm film, optical sd, col 1965
Producer USN *Agency No.* N10100
Title No. 003228 *Sale* $94.50

Shows explortory attempt to apply laboratory studies of man's ability to live and work in an articicial atmosphere at a depth of 200 feet for prolonged periods.

SEAPOWER - PLYMOUTH ROCK TO POLARIS

28 min, 16mm film, optical sd, col 1965
Producer USN *Agency No.* MN 10019
Title No. 003351 *Sale* $94.50

Shows the history and growth of American naval power and its importance.

SEARCH AND RESCUE - PLEASURE CRAFT

26 min, 16mm film, optical sd, col 1960
Producer USCG
Title No. 003352 *Sale* $88.00

Reveals the existence and explains the operation of the search and rescue network as it applies to surface craft, especially pleasure boats. It details specifically the proper procedures to be followed by vessels in distress in obtaining search and rescue assistance.

SEARCH AND RESCUE - VISUAL ASPECTS OF SEARCH AND SIGNALLING

19 min, 16mm film, optical sd, col 1947
Producer USN *Agency No.* MN05309A
Title No. 003353 *Sale* $65.00

Shows relative merits of dye markers, very pistols, flares, smokes and mirrors. Describes air search patterns.

SEAS OF INFINITY

15 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No.* HQA 135
Title No. 671490 *Sale* $62.00

Reviews the planning development, launching and function of the orbiting astronomical observatory, a series of orbiting telescopes which are being used to study our solar system and the stars beyond. Features comments by leading scientists on the potential of this advancement in astronomy.

SEAS OF SWEET WATER

18 min, 16mm film, optical sd, col 1967
Producer USIA *Agency No.* 01-02644
Title No. 004391 *Rental:* W/DRAWN Sale: W/DRAWN

Provides an impressionistic presentation of the Great Lakes Region in North America.

***SEASONS**

16 min, 16mm film, optical sd, col 1971
Producer USSRS
Title No. 005290 *Sale* $68.00

Deals with the health and rehabilitation of older people, including nursing and rest home conditions and effective programs in geratric therapy.

SEATBELTS, YOUR LIFE INSURANCE

9 min, 16mm film, optical sd, col 1962
Producer USAF *Agency No.* FR 0279
Title No. 672050 *Sale* $31.00

Emphasizes benefits of seat belts in preventing fatalities and in reducing injuries. Shows methods of installation.

CLEARED FOR TV.

SECONDARY IMPRESSIONS FOR THE DISTAL EXTENSION BASE REMOVABLE PARTIAL DENTURE

15 min, 16mm film, optical sd, col 1969
Producer USVA *Agency No.* D-127
Title No. 003354 *Sale* $58.75

Demonstrates the procedures incident to obtaining impressions of edentulous areas made on bases attached to the removable partial denture framework. These secondary impressions cover all available bearing areas, record the peripheral length, direction, and contours accurately and assure an intimate contact between the base and residual ridge.

SECONDARY SURVEY, CONTROL POINTS, AND HYDROGRAPHIC DEVELOPMENTS

18 min, 16mm film, optical sd, col 1950
Producer USN *Agency No.* MN 06755B
Title No. 672500 *Sale* $61.75

Describes secondary signals, building, sounding and wire dragging operations, tide and current observations, photogrammetric compilation, magnetic observations, and other miscellaneous survey work.

SECTIONAL VIEWS AND PROJECTIONS - FINISH MARKS

15 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 054
Title No. 673800 *Rental* $7.50 Sale $27.00

Shows dimension, center, cross-section and object lines. Discusses the uses of finish marks and the meanings of standard cross-section lines.

From the *MACHINE WORK* series. Fundamentals of Blueprint Reading

***SECTOR BOSS**

21 min, 16mm film, optical sd, col 1970
Producer USDA *Agency No.* 9200
Title No. 001902 *Sale* $102.00

Identifies the specific sector boss responsibilities and their critical relationship to successful and economical fire management. The film is a factual episode based on the performance of a top-qualified sector boss assigned to a large campaign fire.

SECURITY MAN
17 min, 16mm film, optical sd, b&w 1961
Producer USDOD *Agency No.* DOD IS 05
Title No. 003355 *Sale* $30.50
Depicts development of increased security awareness among employees working on classified government contracts.

SEEDS OF DISCOVERY
28 min, 16mm film, optical sd, col 1970
Producer USNASA *Agency No.* HQ 196
Title No. 675125 *Sale* $109.50
Provides an overview of astronomy and space science projects for the 1970's, including Mariner flybys of Mars and Jupiter, Viking landings on Mars, a grand tour of the planets, and solar studies.

SEIZURE--THE MEDICAL TREATMENT AND SOCIAL PROBLEMS OF EPILEPSY
48 min, 16mm film, optical sd, b&w 1951
Producer USVA
Title No. 003356 *Sale* $81.25
Explains the diagnostic and therapeutic treatment of epilepsy through a dramatized story of an epileptic veteran, the background of his condition, and his treatment in a Veterans Administration Hospital. Describes the physiological basis of epilepsy, clinical manifestations of common types of seizures, and socio-economic problems facing an epileptic.

SELF - THE MOBILE AIRFIELD
14 min, 16mm film, optical sd, col 1961
Producer USN *Agency No.* MH09546B
Title No. 676040 *Sale* $48.50
Depicts the need for short airfield runways tailored to the requirements of jet aircraft operating to support military doctrine in amphibious assault Operations. Describes the installation of SELF (short expeditionary land field) and companion equipment for operational tests and shows SELF successfully passing these tests during Operations Blue Star.

***SELF MONITORING PRACTICE**
2 min, s8mm cartridge, optical sd, col
Producer USBEH
Title No. 003425 *Sale* $24.25
Sold only in a cartridge with auditory feedback and multisensory input feedback. Presents short insights into home and school education of the profound hearing impaired.

***SELL SAFETY**
10 min, 16mm film, optical sd, col 1968
Producer USBM
Title No. 003530 *Sale* $39.00
Explains why supervisors have to sell their workmen on the necessity of safe work habits. This is done by creating the desire in the workman to be safe - by outlining negative, possibly fatal, results in his working unsafely - and by pointing out the importance of his safety to not only himself but to his family.
From the *FOREMANSHIP TRAINING* series.
PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

SEMI-AUTOMATIC AND HAND MOLDING OF INTRICATE PARTS
16 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 471
Title No. 676375 *Rental* $7.50 Sale $28.50
Shows how to mold a part with undercuts, mold a part with complicated shape, and assemble and disassemble a hand mold.
From the *PLASTICS* series, No. 6

SEMI-IMMEDIATE ANTERIOR FIXED PARTIAL DENTURE WITH REVERSE PIN FACING ASSEMBLY OF BRIDGE AND
13 min, 16mm film, optical sd, col 1969
Producer USVA *Agency No.* D-43FP
Title No. 004409 *Sale* $46.25
FULL TITLE--SEMI-IMMEDIATE ANTERIOR FIXED PARTIAL DENTURE WITH REVERSE PIN FACING ASSEMBLY OF BRIDGE AND DELIVERY TO PATIENT. The proper relationship of the retainers and pontics to the investing tissues is a most important esthetic and physiological consideration in any fixed prosthesis. A direct assembly and finishing procedure to gain optimal appearance and function, is demonstrated.

SEMI-IMMEDIATE ANTERIOR FIXED PARTIAL DENTURE WITH REVERSE PIN FACING IMPRESSION ...
14 min, 16mm film, optical sd, col 1969
Producer USVA *Agency No.* D-58-FP
Title No. 004392 *Sale* $49.50
FULL TITLE--SEMI-IMMEDIATE ANTERIOR FIXED PARTIAL DENTURE WITH REVERSE PIN FACING IMPRESSION PROCEDURE PREPARATION OF THE DIES AND WAXING RETAINERS. Describes the methodology of securing impressions for a fixed prothesis-using mercaptan rubber following gingival retention. The procedures incident to producing accurate stone dies, and development of the wax patterns for threequarter type retainers.

SENSORY CONDUCTION STUDIES - MEDIAN NERVE
10 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1409
Title No. 003444 *Sale* $32.50
Demonstrates the antidromic and orthodromic techniques for recording the evoked potentials from digital sensory nerves.

***SERBO - CROATIAN - BASIC COURSE, UNITS 1-25**
22 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004097 *Sale* $71.50
Cassettes and accompanying text are both available for $75.00.
OTHER FORMAT(S) or VERSION(S)
39 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004098 *Sale* $108.50
Tape set and accompanying text are both available for $112.00.

***SERBO - CROATIAN - BASIC COURSE, UNITS 26-50**
24 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004099 *Sale* $78.00
Cassettes and accompanying text are both available for $83.25.
OTHER FORMAT(S) or VERSION(S)
44 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004100 *Sale* $122.50
Tape set and accompanying text are both available for $127.75.

SERIES AND PARALLEL CIRCUITS
8 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN01540V
Title No. 677900 *Sale* $14.25
Illustrates series and parallel circuits, explaining current flow and voltage drop across each lamp.
From the *RADIO TECHNICIAN* series.

SERIES RC, RL, AND RCL CIRCUITS
37 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-214
Title No. 003445 *Sale* $76.25
Explains what a vector quantity is. Demonstrates the manner in which reactive circuits differ from resistive circuits, and explains why this difference exists and how it affects such factors as impedence and phase angle. (Kinescope)

SERIES RC, RL, AND RCL CIRCUITS TRIGONOMETRIC SOLUTIONS

40 min, 16mm film, optical sd, b&w
Producer USAF — *Agency No.* TVK 30-216
Title No. 003446 — *Sale* $82.25

Explains the method of solving for the phase angle and impedance by the use of trigonometric functions. Shows use of trigonometric tables. Gives problems requiring Z to be determined when XC or XL is known. (Kinescope)

SERIES RCL QUALITY AND SELECTIVITY

28 min, 16mm film, optical sd, b&w
Producer USAF — *Agency No.* TVK 30-221
Title No. 003447 — *Sale* $58.50

Explains quality factor and develops formula. Determines relationship between reactance and resistance in series RCL circuits. Explains selectivity, band pass and bandwidth and develops a chart showing how each is related to the other. Reviews all of series rcl circuits. (Kinescope)

SERIES RESISTIVE CIRCUITS - DC POWER

29 min, 16mm film, optical sd, b&w
Producer USAF — *Agency No.* TVK 30-121
Title No. 003448 — *Sale* $60.50

Defines electrical power in terms of 'work' and 'rate.' Discusses the three formulas for computing power (power equals voltage times current, power equals current squared times resistance, and power equals voltage squared divided by resistance). Gives problems to solve, using the power formulae. (Kinescope)

SERIES RESISTIVE CIRCUITS - TROUBLESHOOTING

35 min, 16mm film, optical sd, b&w
Producer USAF — *Agency No.* TVK 30-122
Title No. 678015 — *Sale* $72.50

Discusses the process of locating faults or troubles in a circuit. First, shows how 'opens' are located by use of a voltmeter and ohmmeter, and emphasizes the symptoms. Then, discusses 'shorts,' points out the symptoms, and demonstrates the procedure for locating shorts with a voltmeter. (Kinescope)

SERIES RESONANT CIRCUITS

31 min, 16mm film, optical sd, b&w
Producer USAF — *Agency No.* TVK 30-220
Title No. 678020 — *Sale* $64.25

Calculates the resonant frequency of a series RCL circuit, compares the magnitude of current and impedance, and vectorially analyzes the series RCL circuit as capacitive, inductive, or resistive. (Kinescope)

SERIES-PARALLEL RESISTIVE CIRCUITS CIRCUIT ANALYSIS

40 min, 16mm film, optical sd, b&w
Producer USAF — *Agency No.* TVK 30-131A
Title No. 678025 — *Sale* $82.25

Shows various combinations of series, parallel, and series-parallel circuits. Explains how to identify the type of circuit and how to solve for resistance of individual components and total resistance. Next, discusses the method of solving for voltage across each component and how to solve for total voltage of the circuit. Explains the method of calculating current. As a final step, describes and explains the procedure for constructing an equivalent circuit of a series-parallel circuit. (Kinescope)

SEROLOGICAL TECHNIQUE--VENIPUNCTURE

7 min, 16mm film, optical sd, col — 1954
Producer USN — *Agency No.* MN09375C
Title No. 003449 — *Sale* $24.50

Demonstrates how to take a blood sample from the arm.
From the *MEDICAL LABORATORY TECHNIQUES* series.

SERUM CHOLESTEROL DETERMINATION

9 min, 16mm film, optical sd, col — 1965
Producer USNMAC — *Agency No.* M-0768
Title No. 003450 — *Sale* $31.00

Demonstrates the step-by-step procedure devised by Abell-Kendall for determining tne cholesterol in serum.

SERVICE MODULE, THE

5 min, 16mm film, optical sd, col — 1969
Producer USNASA — *Agency No.* AD 008
Title No. 678225 — *Sale* $20.00

Reports on the unmanned portion of the Apollo spacecraft, the section providing essential services for the command and lunar modules. Explains the functions of propulsion, fuel storage, and advanced instrumentation.
From the *APOLLO DIGEST* series.

SERVICING A PROPELLER

18 min, 16mm film, optical sd, b&w — 1945
Producer USOE — *Agency No.* OE 277
Title No. 678340 — *Sale* $37.50

Tells how to inspect and remove a propeller, repair damage to the metal edges, check and correct for out-of-track and for out-of-balance, and reinstall the propeller.
From the *AIRCRAFT WORK* series. Power Plant Maintenance

SERVICING AN AIRPLANE

17 min, 16mm film, optical sd, b&w — 1945
Producer USOE — *Agency No.* OE 279
Title No. 678350 — *Sale* $35.75

Shows how to perform the various routine servicing operations on a plane on the ground--cleaning the airplane, refueling, changing the oil, inflating tires and starting the engine. Shows hand signals for guiding the pilot.

SERVICING AND TIMING MAGNETOS

16 min, 16mm film, optical sd, b&w — 1945
Producer USOE — *Agency No.* OE 266
Title No. 678360 — *Sale* $33.25

Tells how to remove magnetos from the engine, install and adjust new points, and reinstall and time the magnetos.
From the *AIRCRAFT WORK* series. Power Plant Maintenance

SERVICING SPARK PLUGS AND IGNITION WIRING

22 min, 16mm film, optical sd, b&w — 1945
Producer USOE — *Agency No.* OE 265
Title No. 678400 — *Sale* $46.25

Shows how to remove spark plugs and ignition wires, how to clean, inspect, adjust and reinstall the spark plugs, and how to prepare and install ignition wires.
From the *AIRCRAFT WORK* series. Power Plant Maintenance

SERVICING WATER-COOLED CONDENSERS

12 min, 16mm film, optical sd, b&w — 1945
Producer USOE — *Agency No.* OE 451
Title No. 678450 — *Rental* $7.50 Sale $22.25

Explains the theory of a counter-flow condenser, the essential elements of a water cooled system and the operation and regulation of the electric water valve.
From the *REFRIGERATION SERVICE* series. Commercial Systems, No. 4

SERVING FOOD

11 min, 16mm film, optical sd, col — 1954
Producer USNMAC — *Agency No.* M-0148-F
Title No. 678500 — *Sale* $37.25

Portrays the hiring of a waitress and shows the orientation and induction training given to her by a restaurant hostess, including--instruction in the proper storage of cups, dishes, and glasses, cleanliness, correct ways of clearing tables, protecting the waitresses' health, and safeguards against disease.

SERVING FOOD (SPANISH)

11 min, 16mm film, optical sd, col — 1954
Producer USNMAC — *Agency No.* M-0148F-SP
Title No. 003451 — *Sale* $37.25

Portrays the hiring of a waitress and shows the orientation and induction training given her by a restaurant hostess, including instruction in the proper storage of cups, dishes, and glasses. Cleanliness, the correct ways of clearing tables, protecting the waitresses' health, and safeguards against disease are also shown.

* INDICATES NEW ENTRY

SERVO ANALYSIS
40 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-709
Title No. 003452 *Sale* $82.25
Shows how the need for a servo system is established and a block diagram of a system is analyzed. Discusses error voltages. (Kinescope)

***SET THE PACE**
10 min, 16mm film, optical sd, col 1968
Producer USBM
Title No. 003527 *Sale* $39.00
By his sincerity and enthusiasm, the supervisor 'sets the pace' for the workmen to follow safety practices in the coal mining industry - by setting an example himself.
From the *FOREMANSHIP TRAINING* series.
PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

SETTING OF ENDEMIC SCHISTOSOMIASIS IN PUERTO RICO, THE
4 min, 16mm film, silent, b&w 1948
Producer USNMAC *Agency No.* 04-00065
Title No. 003453 *Sale* $7.75
Illustrates three characteristic infection patterns of endemic schistosomiasis in puerto rico--pollution of a river, a brook, and sugar cane irrigation ditches by inadequate sewage disposal systems. Recommened for professional use.

SETTING UP AND MACHINING BAR STOCK
34 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 215
Title No. 678800 *Rental* $12.50 Sale $58.75
Describes how to set up the turret lathe for the production machining of bushings from bar stock. Tells how to install the collet, set up the hexagon turret and cross slide, and machine bar stock.
From the *MACHINE SHOP WORK* series. Operations on the Turret Lathe, No. 4

SETUP FOR FACE MILLING WITH A FIXTURE
20 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 225
Title No. 678900 *Rental* $7.50 Sale $35.25
Explains how the horizontal boring, drilling and milling machine operates. Shows how to install the fixture, set up the workpiece, and select and install an end mill and a face mill.
From the *MACHINE SHOP WORK* series. Operations on the Horizontal Boring Mill, No. 1

SETUP FOR ROUGH LINE-BORING
15 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 228
Title No. 678905 *Rental* $7.50 Sale $27.00
Shows how to position on the workpiece on the table, and position the spindle for horizontal centers and for vertical centers.
From the *MACHINE SHOP WORK* series. Operations on the Horizontal Boring Mill, No. 4

***SEVENTH CHAIR, THE**
13 min, 16mm film, optical sd, col 1971
Producer USSBA
Title No. 001430 *Rental* $10.00 Sale $45.25
Dramatizes the credit and collection problems of 5 small business owners with a round-table discussion and flashbacks to their places of business. Ultimate answers to the questions raised are left up to the viewing audience.

SEVENTH FLEET, THE
12 min, 16mm film, optical sd, b&w 1957
Producer USN *Agency No.* MN08078
Title No. 679445 *Sale* $22.25
Documents the operations and actions of the Seventh Fleet from August, 1949 to 1957.

***SH - 01**
9 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No.* G-101
Title No. 003426 *Sale* $21.00
Emphasizes on the assessement of a pupil's automatic production of (SH) in words and syllables.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Major Area of Speech, Consonant*

***SH - 02**
11 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No.* G-102
Title No. 003427 *Sale* $26.00
Shows how the teacher begins the in-depth teaching of (SH) by teaching the first step: learning to blunt the tongue.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Major Area of Speech, Consonant*

***SH - 03, PT 01**
12 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No.* G-103-1
Title No. 003428 *Sale* $28.50
Shows how a second pupil begins learning (SH) through in-depth teaching.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Major Area of Speech, Consonant*

***SH - 03, PT 02**
9 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No.* G-103-2
Title No. 003436 *Sale* $21.00
Shows the continued work on the first step of learning (SH).
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Major Area of Speech, Consonant*

***SH - 03, PT 03**
11 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No.* G-103-3
Title No. 003437 *Sale* $22.50
Emphasizes on practice of the learned skill, proper tongue blunting.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Major Area of Speech, Consonant*

***SH - 04**
14 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No.* G-104
Title No. 003429 *Sale* $31.50
Shows demonstrations of more teaching devices which can be employed to help a pupil learn step 1 of learning (SH).
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Major Area of Speech, Consonant*

***SH - 05**
11 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No.* G-105
Title No. 003430 *Sale* $32.50
Shows how the pupil reaches the production stage of tongue blunting and is ready to learn the second step of (SH).
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Major Area of Speech, Consonant*

***SH - 06**
14 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No.* G-106
Title No. 003431 *Sale* $26.75
Shows how the pupil is ready for the third step of producing (SH) in isolation.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Major Area of Speech, Consonant*

***SH - 07**
10 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No.* G-107
Title No. 003432 *Sale* $32.50
Demonstrates work on the first word, (she), from presentation, imitation and production stages.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Major Area of Speech, Consonant*

***SH - 08**
10 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No* G-108
Title No 003433 *Sale* $26.00
Introduces a lesson showing evaluation and practice on all five nuclei words.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Major Area of Speech, Consonant*

***SH - 09**
9 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No* G-109
Title No 003434 *Sale* $19.75
Shows how the teacher gets evidence of correct automatic production of all five nuclei words in general speech situations.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Major Area of Speech, Consonant*

***SH - 10**
9 min, 16mm film, optical sd, b&w
Producer USBEH *Agency No* G-110
Title No 003435 *Sale* $22.50
Shows how the pupil reaches the production stage on (CH) and the film ends at the presentation stage on (J).
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Major Area of Speech, Consonant*

SHACKLES FOR THE GIANT
25 min, 16mm film, optical sd, col 1965
Producer USAE
Title No 003454 *Sale* $87.00
Shows, by animation and live photography, the development of the present flood-control plan and details of the plan in the lower alluvial valley of the Mississippi River. Portrays need for flood control by scenes illustrating the great damage and suffering caused by floods.

SHADES OF GRAY
66 min, 16mm film, optical sd, b&w 1948
Producer USA *Agency No* PMF 5047
Title No 003455 *Sale* $114.75
Portrays, through dramatized situations and case histories, various mental disorders experienced by soldiers during training and combat--ranging from mild anxiety states to severe depressive reactions and paranoid psychoses. Traces the life patterns of each affected soldier and relates his early familial and environmental experiences to the circumstances which precipitate his mental breakdown. Demonstrates methods of psychotherapy, including--emotional catharsis, narcoanalysis, hypnotic suggestions, and group therapy. Makes the point that in terms of mental health, no one is either 'black' or 'white,' everyone is a 'shade of grey.'

SHAPER, THE
15 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 070
Title No 681500 *Rental* $7.50 Sale $27.00
Describes the functions, characteristics and basic operations of the shaper.
From the *MACHINE SHOP WORK* series. Basic Machines

SHAPER, THE (SPANISH)
15 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 070
Title No 003499 *Rental* $7.50 Sale $27.00
Describes the functions, characteristics and basic operations of the shaper.
From the *MACHINE SHOP WORK* series. Basic Machines

SHAPING AFTER TEMPLATE AND SHAPING CURVED EDGES
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 319
Title No 681650 *Rental* $7.50 Sale $30.50
Shows how to make a template, install knives, use the template for smoothing squared edges and set up equipment for shaping a curved edge.
From the *PRECISION WOOD MACHINING* series. Operations On the Spindle Shaper, No. 2

SHARPENING A FORM RELIEVED CUTTER
18 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 093
Title No 681850 *Rental* $7.50 Sale $32.00
Tells what constitutes the rake and clearance angles of the form relieved cutter, shows how to mount the correct attachment, set up for spotting the back of teeth and grind the face of the teeth.
From the *MACHINE SHOP WORK* series. Operations on the Cutter Grinder, No. 5

SHARPENING A PLAIN HELICAL MILLING CUTTER
16 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 091
Title No 681900 *Rental* $7.50 Sale $28.50
Shows how to mount the helical cutter on an arbor and sharpen the secondary clearance angle. Describes how to check and adjust for taper when grinding the primary clearance angle.
From the *PRECISION WOOD MACHINING* series. Operations On the Cutter Grinder, No. 2

SHARPENING A SHELL END MILL
17 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 092
Title No 681950 *Rental* $7.50 Sale $30.50
Shows how to select the correct arbor, mount the work head and adjust it for clearance settings, and set up for sharpening the outside diameter, corner and face.
From the *MACHINE SHOP WORK* series. Operations on the Cutter Grinder, No. 3

SHARPENING A SIDE MILLING CUTTER
23 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 090
Title No 682050 *Rental* $10.00 Sale $40.50
Shows how to identify the parts of a cutter, select and mount the correct grinding wheel, mount the cutter, set up the grinder for sharpening, set the correct clearance angle and check for width of land.
From the *MACHINE SHOP WORK* series. Operations on the Cutter Grinder, No. 1

SHARPENING AN ANGULAR CUTTER
15 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 094
Title No 682060 *Rental* $7.50 Sale $27.00
Describes how to choose the correct grinding wheel, adjust the swivel table for grinding the angular teeth of the cutter, adjust for clearance angle, and check the teeth for accuracy of the angle.
From the *MACHINE SHOP WORK* series. Operations on the Cutter Grinder, No. 4

SHARPENING AND TEMPERING FARM TOOLS
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 193
Title No 682065 *Rental* $7.50 Sale $30.50
Depicts how to heat carbon steel tools for forge sharpening. Tells how to sharpen, harden, and temper a plowshare and a cultivator shovel. Shows how to identify tempering colors.
From the *FARM WORK* series. Forging, No. 3

SHEAR-LEACH PROCESS FOR SPENT NUCLEAR FUELS
11 min, 16mm film, optical sd, col 1966
Producer USAEC
Title No 003456 *Sale* $39.50
Illustrates the development at Oak Ridge National Laboratory of the Shear-Leach process, a mechanical method for reprocessing spent stainless steel or zircaloy-2 clad power reactor fuels. The various parts of the equipment are portrayed, as well as the operation of the Shear-leach with unirradiated fuel.

SHEEP SHEARING
21 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 199
Title No 001906 *Sale* $43.25
Illustrates how to handle sheep for shearing, shear the sheep step by step, and roll and tie the fleece.

From the *FARM WORK* series. Livestock, No. 1

SHEEP SHEARING (SPANISH)
21 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 199
Title No. 003457 *Sale* $43.25
Illustrates how to handle sheep for shearing, shear the sheep step by step, and roll and tie the fleece.
From the *FARM WORK* series. Livestock, No. 1

SHIP'S BLUEPRINTS - BASIC
22 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN02335A
Title No. 003458 *Sale* $38.50
Explains how to identify fundamental structural elements in ship construction by orthographic drawings and symbols, to visualize these drawings in three dimensions, to understand use and function of dotted and hidden lines, and to read a ship's blueprints.

SHIPBOARD HELICOPTER OPERATIONS - FUNCTIONS
8 min, 16mm film, optical sd, col 1954
Producer USN *Agency No.* MN07410B
Title No. 682755 *Sale* $27.75
Discusses the principal missions of the helicopter aboard ship--as plane guard, in rescue and during mail transfers.

SHIPBOARD HELICOPTER OPERATIONS - LANDING AND TAKE-OFFS
7 min, 16mm film, optical sd, col 1954
Producer USN *Agency No.* MN07410A
Title No. 682750 *Sale* $24.50
Shows procedures to be followed in helicopter aboard landings and take-offs during shipboard operations.

SHIPBOARD INSPECTION BY MEDICAL DEPARTMENT PERSONNEL - FOOD PREPARATION
25 min, 16mm film, optical sd, b&w 1958
Producer USN *Agency No.* MN08238D
Title No. 003462 *Sale* $43.75
Shows how to make an inspection of the various areas of possible contamination in the preparation of food aboard ship. Discusses sanitary equipment and spaces, sanitary personnel, and sanitary work habits.

SHIPBOARD INSPECTION BY MEDICAL DEPARTMENT PERSONNEL - STORAGE
12 min, 16mm film, optical sd, b&w 1958
Producer USN *Agency No.* MN 8238-C
Title No. 003460 *Sale* $22.25
Shows how to make a sanitary inspection of the storage of food aboard ship. Covers such subjects as cleanliness, air circulation, temperature, and stowage. Designed primarily for use of medical officers and Navy hospital corpsmen.

SHIPBOARD INSPECTION BY MEDICAL DEPARTMENT PERSONNEL - WATER SUPPLY
20 min, 16mm film, optical sd, b&w 1958
Producer USN *Agency No.* MN08238A
Title No. 003461 *Sale* $37.00
Shows how an where to inspect a ship's fresh-water supply at the points of possible contamination.

SHIPBOARD INSPECTION BY MEDICAL DEPARTMENT PERSONNEL--FOOD SERVING
13 min, 16mm film, optical sd, b&w 1958
Producer USN *Agency No.* MN08238E
Title No. 003459 *Sale* $23.75
Shows how to make an inspection of such food-serving areas as the messing areas, serving line, and the scullery. Designed primarily for use of medical officers and hospital corpsmen.

SHIPBOARD VIBRATIONS, PT 3, VIBRATION, EXCITATION, AND RESPONSE
15 min, 16mm film, optical sd, b&w 1953
Producer USN *Agency No.* MN09180C
Title No. 003463 *Sale* $27.00
Shows through models, vibration excitation in the propulsion machinery due to imbalance and to propeller thrust variation, and the response of the ship's structure to this excitation.

SHIPBUILDERS OF ESSEX
22 min, 16mm film, optical sd, b&w 1949
Producer USDS
Title No. 003464 *Rental* $7.50 Sale $46.25
Portrayal of New England craftsmen and their skill in the building of wooden ships in Essex, Massachusetts, illustrated through the construction of a 70-foot trawler, the St Rosalie.

SHIPYARD FIRE AND EXPLOSION HAZARDS
41 min, 16mm film, optical sd, col 1965
Producer USDL
Title No. 682800 *Sale* $136.75
Presents the principles of fires with applications to shipyard repairing and building activities. Control measures for prevention of fire and explosion accidents are pointed out.

SHOCK EXCITED OSCILLATOR
36 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-807
Title No. 003465 *Sale* $74.50
Gives the purpose of each component in the shock excited oscillator circuit, explains the circuit operation, and shows the input and output waveshapes graphically. Using a trainer, explains how L and C of the duration of the input gate determine the frequency and duration of the output. (Kinescope)

*** SHONA - BASIC COURSE**
10 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 008895 *Sale* $32.50
Cassettes and accompanying text are both available for $35.00.
OTHER FORMAT(S) or VERSION(S)
20 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 008894 *Sale* $55.75
Tape set and accompanying text are both available for $58.25.

SHOP SAFETY
22 min, 16mm film, optical sd, col 1967
Producer USA *Agency No.* TF09-3790
Title No. 683100 *Sale* $74.75
Describes common hazards in a vehicle maintenance shop, and the precautions which should be employed to prevent accidents.

SHORT FIELD PROCEDURE L-19 - BIRD DOG, PT 2, BARRIER LANDING AND BARRIER TAKEOFF
10 min, 16mm film, optical sd, b&w 1960
Producer USA *Agency No.* TF46-2848
Title No. 003466 *Sale* $21.00
Shows directional control, power approach and line of descent in barrier landing, maximum performance takeoff and climb, and normal climb in barrier takeoff.

SHORT WAY HOME, THE
14 min, 16mm film, optical sd, col 1967
Producer USNMAC *Agency No.* M-1454X
Title No. 683475 *Sale* $47.00
Discusses how patients who previously might have been confined to the hospital for a long period of recuperation can be returned to their homes through the facilities provided by the home services. The combined efforts of physicians, community nurses, therapists, and technicians bring the hospital to patient and speed his recovery in familiar surroundings.

SHOULD THE DAY EVER COME
26 min, 16mm film, optical sd, col 1967
Producer USCG
Title No. 003467 *Sale* $98.00
Follows the Coast Guard reservists as they develop and maintain the skills required to fulfill the missions imposed on the reserve to meet mobilization assignments-should the day ever come.
CLEARED FOR TV.

SHOWDOWN

13 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1213
Title No. 683945 *Sale* $45.25

The young new supervisor attempts to get full co-operation and support from an older problem worker. The situation is commented on by co-workers, and the supervisor's boss. The relationship between the new young supervisor and his problem employee deteriorates to the point that the former proposes disciplinary action only to learn that his boss may not support him.

SHUNT HARTLEY OSCILLATOR - VT

28 min, 16mm film, optical sd, b&w 1965
Producer USAF *Agency No.* TVK 30-518
Title No. 003468 *Sale* $58.50

Shows the Shunt Hartley oscillator circuit, pointing out the identifying features and explaining the purpose of each component. Explains circuit operation through the use of an animated graphic. Explains the use of Shunt Hartley oscillators in high power circuits and lists the symptoms that would appear when each component is opened and shorted. (Kinescope)

***SHUTTLE CAR OPERATOR**

20 min, 16mm film, optical sd, col 1954
Producer USBM
Title No. 003540 *Sale* $78.00

Shows shuttle cars being used in underground coal mine haulage - depicts five accidents most common in their operation, explains the causes, and stresses the means of preventing similar accidents from happening.

PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

***SICK CALL - INTRODUCTION TO SICK CALL TECHNIQUES**

26 min, 16mm film, optical sd, col 1970
Producer USN *Agency No.* MN10613
Title No. 003469 *Sale* $105.50

Training the inexperienced hospital corpsman to conduct sick call by acquainting him with the proper attitudes and procedures.

SIDE FRAMES - SUBASSEMBLY OF A WEB FRAME

17 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No.* OE 027
Title No. 684640 *Sale* $36.50

Shows how to lay out the main web plate from a template, fit stiffeners to the web plate, and dog the stiffeners to the plate for welding.

From the *SHIPBUILDING SKILLS* series. Work of Shipfitter and Shipwright, No. 4

***SIGN OF PROFIT**

20 min, 16mm film, optical sd, col 1964
Producer USDA *Agency No.* 3079
Title No. 684884 *Sale* $100.00

Depicts the dreams of a farmer an his wife, explains how these dreams for bettering farming are not so far off, if the farmer has the incentive to work for them.

SIGNAL GENERATOR OPERATION

9 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN01540Q
Title No. 684850 *Sale* $15.75

Shows in detail how to use a signal generator to align a radio receiver.

SILENT SENTINEL

14 min, 16mm film, optical sd, col 1959
Producer USN *Agency No.* MN09439
Title No. 003470 *Sale* $48.50

Explains the basic concept of the fleet ballistic missile program and shows all the necessary steps the Navy must go through to make the Polaris missile operational.

SILENT WORLD, MUFFLED WORLD

28 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* OM-1279
Title No. 003471 *Sale* $94.50

Discusses the difficulties of speech, education, and normal living for the deaf. Animation explains the physiology of the ear, the mechanics of the hearing process, and the cause of hearing impairment. Shows the progress being made in the techniques of corrective ear surgery and in the methods of education and rehabilition of deaf persons.

***SILICA GRANULOMA**

5 min, 16mm film, optical sd, col 1962
Producer ILDS
Title No. 004400 *Rental:* W/DRAWN *Sale:* W/DRAWN

Documents a case history of ulcerating granuloma twelve years after traumatic imbedding of glass in the cheek. Shows recovery the glass fragment, chemical nature of changes occurring in the glass, histo-pathologic features of the granuloma, origin of the schaumann bodies, and response to systemic steroid therapy.

SILICATE CEMENT

18 min, 16mm film, optical sd, col 1947
Producer USVA *Agency No.* D-063
Title No. 003472 *Sale* $60.50

Demonstrates the importance of incorporating, rapidly, as much powder as possible into a given quantity of liquid and of protecting cement from loss or gain of water throughout the hardening period. Shows effect of technique on such cement properties as setting time, strength, shrinkage, solubility and staining.

SIMPLE CUP OF TEA, A

28 min, 16mm film, optical sd, b&w 1965
Producer USAID
Title No. 688355 *Sale* $41.00

Tells how Ben Ferguson, farmer, teacher, rancher, businessman, an agricultural advisor of the Agency for the International Development applies his know-how and experience to farming in Pakistan.

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SIMPLE EQUATIONS

40 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-117A
Title No. 003474 *Sale* $82.25

Explains axioms and algebraic rules needed to solve simple linear equations. (Kinescope)

SIMPLE EQUATIONS - FRACTIONS

20 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-117B
Title No. 003475 *Sale* $42.50

Applies axioms and algebraic rules to rearrangement of several electronic formulas. (Kinescope)

SIMPLE FOUNDATION, PT 1, LAYOUT

28 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN02338B
Title No. 003476 *Sale* $48.75

Explains through animation the layout of a simple foundation, and shows a workman performing the actual operations. Explains how to mark the template with necessary directions.

From the *SHIPBUILDING SKILLS* series. The Shipfitter, Pt 1

SIMPLE FOUNDATION, PT 2, DUPLICATION AND FABRICATION

17 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN02338C
Title No. 003477 *Sale* $30.50

Shows how the layout man develops job from the templates. Depicts fastening template to steel plate, marking plate with center punch or painting billing on steel. Shows use of shears, burning torch, cold press, and punch.

From the *SHIPBUILDING SKILLS* series.

* INDICATES NEW ENTRY

SIMPLE FOUNDATION, PT 3 ASSEMBLY AND INSTALLATION
23 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN02338D
Title No. 003478 *Sale* $40.50
Demonstrates marking location aboard ship, swinging assembly aboard, welding deck and bulkhead after making corrections.
From the *SHIPBUILDING SKILLS* series.

SIMPLE METHOD FOR TRACHEAL SUCTION AND BRONCHOSCOPY
11 min, 16mm film, optical sd, col 1961
Producer USA *Agency No.* PMF 5341
Title No. 003479 *Sale* $37.25
Describes the clinical requirement and prescribed method for performing safe and effective tracheal suction and bronchoscopy on patients who have undergone pulmonary surgery.

SIMPLE VOLTAGE REGULATORS
22 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-430
Title No. 003480 *Sale* $46.25
Identifies the purpose of each component in a simple voltage regulator circuit and shows the current paths. Explains the circuit operation when the input voltage and the load are changed. Discusses the effect of placing VR tubes in the series. (Kinescope)

• **SIMPLIFICATION OF TRANSFORMATIONS**
3 min, s8mm cartridge, optical sd, col
Producer USBEH
Title No. 003438 *Sale* $25.25
Sold only in a cartridge with linguistic analysis and expanding language. Presents short insights into home and school education of the profound hearing impaired.

• **SIMPLIFIED SEROLOGIC IDENTIFICATION OF SALMONELLA CULTURES**
32 fr, 35mm filmstrip, 1/4 in. audiotape, col 1951
Producer USNMAC *Agency No.* 5-171
Title No. 002191 *Sale* $10.00
Shows how to identify salmonella cultures by grouping them serologically and confirming them biochemically.
From the *ISOLATION AND IDENTIFICATION OF SALMONELLA And Shigella Cultures Series*

• **SINGING CROSSROADERS, THE**
30 min, 16mm film, optical sd, b&w 1965
Producer USIA *Agency No.* 01-01557
Title No. 004401 *Rental* W/DRAWN Sale W/DRAWN
Contains a discussion with, and a performance by, the Singing Crossroaders, an American singing group, following their successful African tour.

SINGLE RAM VERTICAL SURFACE BROACHING
28 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 237
Title No. 688200 *Rental* $10.00 Sale $48.75
Tells how to install broaching inserts for straddle broaching, mount the tool-holder with its assembled broaching tool, mount and adjust the work fixture, and surface-broach at production rate.
From the *MACHINE SHOP WORK* series. Operations on a Broaching Machine, No. 2

SINGLE SIDEBAND RADIO - INTRODUCTION
19 min, 16mm film, optical sd, b&w 1960
Producer USMC *Agency No.* MH08939
Title No. 688280 *Rental* $7.50 Sale $33.75
Explains the theory of single sideband radio techniques and discusses SSB as compared to AM techniques.

SINGLE-PHASE AND POLYPHASE CIRCUITS
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 383
Title No. 688350 *Rental* $7.50 Sale $30.50
Explains a single-phase synchronous generator, the use of sine curves to illustrate flow changes, a two-phase system and three-phase system, and ways of simplifying wiring.
From the *ELECTRICAL WORK* series. Electrical Machinery, No. 1

SIT DOWN, DOCTOR - AND LIVE
11 min, 16mm film, optical sd, col 1970
Producer USVA *Agency No.* D-124
Title No. 688726 *Sale* $45.75
Points out that 'sit-down dentistry' can prolong a dentist's useful operating life about ten years. Emphasizes the value of 'sit-down dentistry' and shows the direct approach to the four oral quadrants.

• **SIXTY DAYS BENEATH THE SEA - TEKTITE I**
15 min, 16mm film, optical sd, col 1970
Producer USN *Agency No.* MN10841
Title No. 689140 *Sale* $60.00
Shows how four aquanauts lived and conducted extensive oceanographic studies, during the longest undersea project, while their behavior in isolation was monitored by surface scientists.

SKELETAL FIXATION BY THE STADER SPLINT, FRACTURES OF THE TIBIA
22 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN 1724-A
Title No. 003481 *Sale* $38.50
Demonstrates features of a Stader splint and its utilization for a fractured tibia. Shows use of special right angle splint for a proximal or distal fracture in which smaller fragment is incapable of holding regular pin bar.
FOR MEDICAL PERSONNEL.

SKID CORRELATION STUDY
14 min, 16mm film, optical sd, col 1963
Producer USFHWA
Title No. 689500 *Sale* $48.50
Compares various techniques used in testing the coefficients of friction on five specially constructed pavements at Tappahannock, VA.

• **SKILLS FOR PROGRESS**
27 min, 16mm film, optical sd, col 1965
Producer USDL
Title No. 002192 *Rental* $12.50 Sale $91.25
Acquaints the general public with forms of modern apprenticeship and informs young people about the importance of a skill and what is involved in learning one. Also deals with shorter training programs.
From the *CAREER JOB OPPORTUNITY FILM* series.
CLEARED FOR TV

• **SKYLAB**
27 min, 16mm film, optical sd, col 1971
Producer USNASA *Agency No.* HQ 216
Title No. 690109 *Sale* $115.50
Shows the major objectives of the mission, its principal components and features, the four launches involved, and a few of the scientific investigations that will be performed.

SKYWARD THE GREAT SHIPS
27 min, 16mm film, optical sd, b&w
Producer USNASA *Agency No.* HQ 166
Title No. 003482 *Sale* $53.00
Examines various types of propulsion being developed for space missions and the applications and advantages of each. Illustrates research in chemical, nuclear and electrical propulsion systems.

SL-1 ACCIDENT, PHASE 3, THE
57 min, 16mm film, optical sd, col 1962
Producer USAEC
Title No. 003483 *O/PRINT*
Documents what was done with the SL-1 reactor and building following the accidental nuclear excursion that occurred January 3, 1961. Provides a step-bystep renactment of the accident using animation to show the events believed to have taken place during and immediately following the excursion, and [illegible] a postulation of the cause.

SL-1 ACCIDENT, PHASES 1 AND 2, THE
43 min, 16mm film, optical sd, col 1962
Producer USAEC
Title No 003484 *Sale* $133.75
Uses actual and reenacted scenes to present a resume of what happened in phases 1 and 2 following the accidental nuclear excursion of January 3, 1961

SLANTING
9 min, 16mm film, optical sd, col 1967
Producer USOCD *Agency No* DODCD05-259
Title No 003485 *Sale* $31.00
Uses complex animation and striking still photography to illustrate the 'slanting' techniques being used by many architects to incorporate fallout shielding in the new building they're now designing
CLEARED FOR TV

SLIDE RULE, THE - 'C' AND 'D' SCALES
24 min, 16mm film, optical sd, b&w 1943
Producer USOE *Agency No* OE 179
Title No 691600 *Rental* $10.00 Sale $42.25
Explains the 'C' and 'D' scales and markings on the slide rule. Shows how to use these scales for multiplication, division and combined operations

SLIDE RULE, THE - PROPORTION, PERCENTAGE, SQUARES, AND SQUARE ROOTS
21 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 354
Title No 691150 *Rental* $7.50 Sale $37.00
Demonstrates how to use the 'C' and 'D' scales of the slide rule to calculate proportions and percentages, how to read the 'A' and 'B' scales, and how to calculate squares and square roots
From the *ENGINEERING* series

SLINGING LOAD
17 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No* MN02340D
Title No 691765 *Sale* $30.50
Shows how to rig and use slings to handle various types of loads, and explains safety precautions to be observed
From the *SHIPBUILDING SKILLS* series

• **SLOW DEATH**
23 min, 16mm film, optical sd, b&w 1971
Producer USNIMH
Title No 002194 *Rental* $10.00 Sale $48.50
Dramatized the life of heroin users in the inner city. Made by a group of Black young people in Philadelphia

SLOW-SPEED FLIGHT CHARACTERISTICS OF SWEPT WING AIRCRAFT
18 min, 16mm film, optical sd, b&w 1957
Producer USN *Agency No* MN08617
Title No 691980 *Sale* $32.00
Shows how slow-speed flight affects the flow of the air over swept-wing aircraft and how a stall originates at the wing tips instead of at the wing roots as in conventional wing aircraft

SMALL BOAT NAVY, THE
28 min, 16mm film, optical sd, col 1968
Producer USN *Agency No* MN10387
Title No 003486 *Sale* $113.50
A report on the operations of the U S Navy's small boats in Vietnam. Includes scenes of swiftboats, PBR'S, MSB'S, LCPL'S, armored troop carriers and monitors along with Seawolf helicopters on coastal and river patrols under enemy fire or spearheading invasions in enemy-held river territory

• **SMALL SAWMILL, THE**
20 min, 16mm film, optical sd, col 1954
Producer USDA *Agency No* 1132
Title No 692200 *Sale* $89.00
Stimulates the interest of owners and operators of small sawmills in more efficient production, better quality of lumber, and more complete utilization of sawtimber and sawlogs. It shows the transformation of a small dilapidated, unproductive sawmill into an efficient and productive operation. Filmed in the east

SMALL TOWN EDITOR
18 min, 16mm film, optical sd, b&w 1952
Producer USIA
Title No 004402 *Rental* W/DRAWN Sale W/DRAWN
Tells the story of a small town newspaper editor and his place in the community. Contrasts his operation with that of a big city newspaper, emphasizes friendly relationships with townspeople, and points up principles of a free press

SMALL TOWN LIBRARY
10 min, 16mm film, optical sd, b&w 1951
Producer USA *Agency No* 08-10893
Title No 003487 *Rental* $5.00 Sale $21.00
Explains the benefits, and shows some operations of a small town library, particularly the weekly delivery of books from the library of a big city nearby

SMALLPOX VACCINATION - SHOULD OUR POLICY BE CHANGED
28 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No* T-1678
Title No 003488 *Sale* $58.50
Shows pros and cons for smallpox vaccination. Indicates that children die or suffer from vaccination complications but that our current freedom from smallpox is totally dependent on the continued use of the vaccine. (Kinescope)
From the *CONCEPTS AND CONTROVERSIES IN MODERN MEDICINE Series*

• **SMOKE IN THE HOLLOW**
13 min, 16mm film, optical sd, col 1960
Producer USDA *Agency No* 1420
Title No 003995 *Sale* $62.00
member of a volunteer fire crew tells a story designed to point out the damage resulting from mancaused fires in the hill country of Ohio. Typical causes of fires and the ways in which fires can lower the general prosperity of the community are shown. Can be used to advantage in similar rural communities

• **SMOKEJUMPERS**
10 min, 16mm film, optical sd, b&w 1949
Producer USDA *Agency No* 1042
Title No 003996 *Sale* $45.00
Shows how the U S Forest Service has developed its own airborne squadron--smokejumpers, or parachute firefighters--to combat forest fires in the remote, roadless areas of our great north country and the southwest. Smokejumping is a fast efficient way of getting firefighters to where they are needed in such country. Every jump is a hazardous operation, but the film shows that the jumper is given maximum protection by reason of well-planned equipment and gruelling training. Covers both the glamorous and unglamorous aspects of smokejumping and carries a dramatic forestfire prevention message

• **SMOKEY AND HIS FRIENDS**
4 min, 16mm film, optical sd, col 1967
Producer USDA *Agency No* 6435
Title No 003997 *Sale* $22.50
Smokey meets some of his wild animal and bird friends and watches them in their forest home. He reminds us that fires destroy the homes of his friends

• **SMOKEY AND THE LITTLE BOY**
5 min, 16mm film, optical sd, col 1960
Producer USDA *Agency No* 1504
Title No 692901 *Sale* $26.00
Presents a special Smokey Bear animated cartoon featurette which combines several of the Smokey Bear 1-minute animated spots

• **SMOKEY THE BEAR**
5 min, 16mm film, optical sd, b&w 1952
Producer USDA *Agency No* 1149
Title No 692918 *Sale* $11.00
A group of boys on a camping trip are reminded of their responsibility in helping to prevent forest fires. Smokey Bear stars and Eddy Arnold sings

● SMOKEY'S STORY
12 min, 16mm film, optical sd, col 1971
Producer USDA *Agency No.* 10519
Title No. 001963 *Sale* $65.00
Dennis Weaver meets a group of young campers in the woods. He sees that one boy is playing with a book of matches. He retells the true story of Little Smokey, the cub who survived a forest fire. Mr. Weaver succeeds in convincing the boy that matches are not for play.

SNAP-3 OPERATIONAL TESTS
18 min, 16mm film, optical sd, col 1960
Producer USAEC
Title No. 003489 *Sale* $72.50
Describes operational tests (vibration, shock, acceleration, fire, explosion, land and sea impact, effects of salt water, and aerodynamic heating) on the 4lb SNAP-3 isotopicpower unit, which uses po-210 to generate more than 3 watts as a source of auxiliary power for space vehicles. Concludes that SNAP-3 will operate effectively on launch and in orbit.

● SNUFFY - SMOKEY BEAR'S PAL
4 min, 16mm film, optical sd, col 1958
Producer USDA *Agency No.* 1058-17
Title No. 693911 *Sale* $28.00
Presents a cocker spaniel's version of helping Smokey Bear prevent forest fires. Snuffy ardently supports Forest Rangers in their constant vigilance to detect fires in the forest and in their efforts to keep them from getting out of hand.

SO LITTLE TIME
28 min, 16mm film, optical sd, col 1968
Producer USBSFW
Title No. 003490 *Sale* $113.50
Shows the need for preserving our wildlife by presenting intimate close-ups of birds and mammals in their natural environment. Describes environmental factors contributing to the decline in waterfowl and other birdlife. Shows animals in moments of peril. Territorial disputes, at rest, and in flight.

SOCIAL ADJUSTMENT FOR THE APHASIC PATIENT
26 min, 16mm film, optical sd, col 1950
Producer USVA
Title No. 694500 *Sale* $88.00
Emphasizes the problems of social reorientation encountered by the aphasic patient, and explains the use and importance of group therapy and of corrective physical therapy, retaining of the language function, and contacts outside the hospital environment.

SOCIAL CHANGE IN A DEMOCRACY
30 min, 16mm film, optical sd, b&w 1951
Producer USA
Title No. 003491 *Rental* $10.00 Sale $62.50
Portrays students in a high-school social-studies class discussing the difference between conditions in a democracy and in a totalitarian state, then learning first-hand how a problem in their own community, arising from a social change, is solved by law and assembly of the people.

SOCIAL SECURITY STORY, THE
14 min, 16mm film, optical sd, col 1962
Producer USSSA
Title No. 003492 *Sale* $48.50
Gives essential program information and facts about account numbers, how records are kept.

SODIUM REACTOR EXPERIMENT
22 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No. 003493 *Sale* $115.25
Presents a summary of the preparation, fabrication, and testing of major reactor components, showing installation at the site, the startup, operation, and control as well as safety elements of the sodium reactor experiment (nuclear power) designed, constructed, and operated for the AEC by Atomics International near Los Angeles.

SODIUM REACTOR EXPERIMENT FABRICATION
19 min, 16mm film, optical sd, col 1957
Producer USAEC
Title No. 003494 *Sale* $89.00
Explains fuel element fabrication and testing grid plate fabrication, control rod system testing, core tank fabrication, thermal shield ring fabrication, top plug fabrication, sodium pump inspection, heat exchanger and coolant piping inspection, and fuel handling system checkout.

● SOIL AND WATER CONSERVATION
10 min, 16mm film, optical sd, b&w 1948
Producer USDA *Agency No.* 1021
Title No. 695751 *Sale* $23.00
Conservation farming methods to protect soil and water resources--contouring, terracing, strip croping, cover crops, crop rotation, and tree and grass planting--are demonstrated.

SOLAR ECLIPSE EXPEDITION, 1966
32 min, 16mm film, optical sd, col 1967
Producer USAEC
Title No. 003495 *Sale* $187.25
Follows the solar eclipse expedition of 1966 as it chases the Moon's shadow across the south Atlantic Ocean during the eclipse. Uses animation to explain what scientists look for when they study the Sun's corona during an eclipse. Describes the three major experiments made during the trip as well as the various types of equipment used.

SOLDERING LUGS AND SPLICING STRANDED CONDUCTORS
18 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 371
Title No. 696150 *Rental* $7.50 Sale $32.00
Demonstrates how to splice stranded conductors and how to make a severed cable splice. Shows the use of soldering tongs, blowtorch, and solder pot and ladle to solder a lug.
From the *ELECTRICAL WORK* series, Wiring, No. 2

SOLID STATE PRINCIPLES
26 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-231
Title No. 696340 *Sale* $54.75
Identifies the relative energy level of electrons, and identifies chemically active and chemically stable atoms. Defines 'electron pair band' (covalent band) and lattice structure, and differentiates between conductor, semiconductor and insulator. Descibes the effect of donor and acceptor atoms on chemically stable lattice structures, and defines and identifies 'P' and 'N' type materials. (Kinescope)

SOLUBILITY AND OPTOCHINE TESTS FOR STREPTOCOCCUS PNEUMONIAE
8 min, 16mm film, optical sd, col 1969
Producer USNMAC *Agency No.* M-1766
Title No. 003496 *Sale* $33.50
Demonstrates the differentiation of streptococcus pneumoniae from other species by the optochin test or by the addition of sodium desoxycholate.

SOLVING VERBAL PROBLEMS IN MATHEMATICS
21 min, 16mm film, optical sd, col 1970
Producer USOE
Title No. 697143 *Sale* $85.75
Shows effective ways to promote verbal problem solving skills. Examples of teachers and pupils in action, using various problem solving techniques, are interspersed with examples of actual work which results from the use of multiple approaches. Ranges across content areas, without stressing any particular content.
From the *PROJECT ON INTERPRETING MATHEMATICS EDUCATION Research Series.*

SOME GLIMPSES OF ANTHONY
10 min, 16mm film, optical sd, b&w
Producer USOE
Title No. 004403 *Sale* W/DRAWN
An in-depth story of the individualized handling required for one child.
From the *TEAMS FOR LEARNING* series.

***SOME OF OUR VOICES**
30 min, 16mm film, optical sd, b&w 1963
Producer USIA
Title No 004404 *Rental* W/DRAWN *Sale* W/DRAWN
Shows the cultural heritage of the United States and the present state of various arts. Includes orchestras, repertory theaters and ballet companies.

***SOMETHING OF OUR OWN**
28 min, 16mm film, optical sd, col 1970
Producer USHUD
Title No 697620 *Sale* W/DRAWN
Illustrates the first project completed under the Turnkey III program which offers an opportunity for homeownership to residents of public housing. Presents a positive approach to public housing and follows the Forest Heights Development in Gulfport, Mississippi from its conception to its successful conclusion.

***SOMETHING TO CROW ABOUT**
28 min, 16mm film, optical sd, col 1964
Producer USDA *Agency No* 4071-1
Title No 697907 *Sale* $126.00
Shows modern processing plants and the inspection program that assures the consumer that the product bearing the USDA inspection mark is safe, clean, and wholesome.

SONIC BOOM - THUNDER FROM THE BLUE SKIES
14 min, 16mm film, optical sd, col 1964
Producer USAF *Agency No* SFP 1215
Title No 698600 *Sale* $48.50
Describes phenomena of shock waves which procedure sonic booms.
CLEARED FOR TV

***SOUND DISCRIMINATION OF HEARING IMPAIRED**
25 min, 16mm film, optical sd, col
Producer USBEH
Title No 003440 *Sale* $101.75
The research laboratory at gallaudet college has been carrying out discrimination tests to explore the detailed discrimination capacity of persons with moderate to severe wensory-neural deafness. This film presents the research procedure and an interpretation and application of test findings.

SOUND PERCEPTION METHOD, THE
39 min, 16mm film, optical sd, col 1970
Producer USBEH
Title No 699203 *Sale* $170.50
Surveys the methods of instruction used at the Institute Voor Doven, Sint Michielsgestel, the Netherlands from home visit through integrated secondary school.
From the *INTERNATIONAL EDUCATION OF THE HEARING Impaired Child Series.*

***SOUNDS ON THE SEA**
28 min, 16mm film, optical sd, col 1970
Producer USN *Agency No* MN10409
Title No 699748 *Sale* $113.50
Explains that many of the sounds of the sea originate in marine life. Demonstrates how the sounds are analyzed, why the sounds are studied, and how they can confuse the sonar operator.

SOURCES OF AIR POLLUTION
5 min, 16mm film, optical sd, col 1962
Producer USNMAC *Agency No* MIS-0677
Title No 699900 *Sale* W/DRAWN
Acquaints the viewer with the relationship between our modern technological way of life and air pollution. It shows the principal sources of air pollution.

SPACE AGE RAILROAD
18 min, 16mm film, optical sd, col 1969
Producer USAF *Agency No* SFP 1650
Title No 702390 *Rental* $10.00 *Sale* $74.25
Tells the story of high speed test track, a research and development facility at Holloman AFB, New Mexico. Highlights advancements since the first track run in 1950. Illustrates monorail runs and explains principal braking systems. Introduces unique track features and explains scope and versatility. Shows mass of electronic equipment used to provide data. Depicts instrumentation setup involving use of optical systems. Explains physical layout of areas.
CLEARED FOR TV.

SPACE COMMUNICATIONS
19 min, 16mm film, optical sd, col 1960
Producer USAF *Agency No* TF0[illegible]-5296
Title No 003498 *Sale* $65.00
Highlights basic principles and techniques of communications, stressing those factors that relate directly to space. Explains behavior of electromagnetic waves and formula for computing their attenuation rate.

SPACE DOWN TO EARTH
28 min, 16mm film, optical sd, col 1970
Producer USNASA *Agency No* HQ 204
Title No 702425 *Sale* $115.50
Shows applications of space satellites and how they will help man make more precise Earth measurements, locate new mineral resources, trace pollution, track migrating animals, make long range weather forecasts, and improve navigation and communications.

***SPACE IN THE 70'S - AERONAUTICS**
28 min, 16mm film, optical sd, col 1971
Producer USNASA *Agency No* HQ 205
Title No 002196 *Sale* $115.50
Shows the technical problems of flight, and the operational problems of commercial and private aviation, that need to be solved and the areas of research that NASA will conduct during the 1970's.
From the *SPACE IN THE 70'S* series.

***SPACE IN THE 70'S - CHALLENGE AND PROMISE**
27 min, 16mm film, optical sd, col 1973
Producer USNASA *Agency No* HQ 213
Title No 006384 *Sale* $121.25
Presents an updated overview of the content of the space in the 70's series.
From the *SPACE IN THE 70'S* series.

***SPACE IN THE 70'S - EXPLORATION OF THE PLANETS**
25 min, 16mm film, optical sd, col 1971
Producer USNASA *Agency No* HQ 212
Title No 002197 *Sale* $103.75
Summarizes the principal features of the planets and presents the various missions planned for their exploration during the decade of the 1970's.
From the *SPACE IN THE 70'S* series.

***SPACE IN THE 70'S - MAN IN SPACE - THE SECOND DECADE**
28 min, 16mm film, optical sd, col 1971
Producer USNASA *Agency No* HQ-206
Title No 502325 *Sale* $94.50
Reviews the achievements of manned space flight during its first decade and shows the programs for manned flight during the 1970's. Programs that are technically feasible and desireable beyond 1980 are included.
From the *SPACE IN THE 70'S* series.

***SPACE IN THE 70'S - THE KNOWLEDGE BANK**
25 min, 16mm film, optical sd, col 1971
Producer USNASA *Agency No* HQ 207
Title No 002189 *Sale* $105.75
Presents the idea that research results are 'deposits' to be accumulated and later drawn upon-with the payoff frequently beyond even the range of science fiction. Takes a broad look at physics and astronomy research performed in the laboratory of space-a laboratory teeming with particles, fields, streams, flares, quasars, pulsars - a laboratory where the experimetns will answer questions whose importance to us we can't even guess now.
From the *SPACE IN THE 70'S* series.

● INDICATES NEW ENTRY

***SPACE IN THE 70'S -- A SERIES**
161 min, 16mm film, optical sd, col 1971
Producer USNASA
Title No 006407 *Sale* $778.75

Presents the highlights of NASA's research and development activities during the 1970's.

SPACE DOWN TO EARTH
SPACE IN THE 70'S - AERONAUTICS
SPACE IN THE 70'S - THE KNOWLEDGE BANK
SPACE IN THE 70'S - EXPLORATION OF THE --
PLANETS
SPACE IN THE 70'S - CHALLENGE AND PROMISE

SPACE MEDICINE
29 min, 16mm film, optical sd, b&w 1967
Producer USNASA *Agency No* HQK-SR8
Title No 702567 *Sale* $53.75

Shows a discussion on medical progress and problems of sending a human being into space including the requirements of a space suit and lift support equipsent. A general look at the medical program for manned space flight.

SPACE NAVIGATION
13 min, 16mm film, optical sd, col 1959
Producer USAF *Agency No.* TF01-5295
Title No 702578 *O/PRINT*

Explains the science of interplanetary flight through an imaginary trip to Mars and depicts the elements of navigation guidance and control.

THIS FILM HAS BEEN DECLARED OESOLETE FOR USE WITHIN THE SPONSORING AGENCY.

SPACE NAVIGATION
21 min, 16mm film, optical sd, col 1967
Producer USNASA *Agency No* HQ 116
Title No 702576 *Sale* $87.50

Explains principles of charting a course in space for manned and unmanned spacecraft and navigating between Earth and other celestial bodies, with concentration on navigation methods in the Apollo program.

SPACE ORBITS
18 min, 16mm film, optical sd, col 1960
Producer USAF *Agency No.* TF01-5293
Title No. 002926 *Sale* $61.75

Presents through animation, basic facts as to orbital patterns and the forces which produce them. Explains the patterns in relation to space missions of missiles, artificial Earth sattelites, lunar probes, and space travelers, and shows how all must follow paths dictated by the same natural laws formulated by Sir Isaac Newton nearly three hundred years ago.

CLEARED FOR TV.

SPACE SPRAYING OF INSECTICIDES
11 min, 16mm film, optical sd, col 1961
Producer USNMAC *Agency No* M-0442
Title No. 002710 *Sale* $37.25

Demonstrates techniques of space spraying for insect control over large areas, and shows various types of modern power-spraying equipment.

SPACE SPRAYING OF INSECTICIDES (SPANISH)
11 min, 16mm film, optical sd, col 1961
Producer USNMAC *Agency No.* M-0442
Title No. 003501 *Sale* $37.25

Demonstrates techniques of space spraying for insect control over large areas, and shows various types of modern power-spraying equipment.

SPACE SUIT
5 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No* AD 026
Title No 702917 *Sale* $24.00

Gives the story on the space suit worn on the Apollo missions. Includes footage of the extra-protection garment worn by the astronauts who actually walk on the surface of the Moon.
From the *APOLLO DIGEST* series.

SPACE TO GROW, A
32 min, 16mm film, optical sd, b&w 1968
Producer USOEO
Title No 702925 *Sale* $41.00

Documents the aims and techniques used by the Upward Bound program to motivate and rectify the academic disabilities of talented poor youngsters.

***SPACE-AGE SOUND EFFECTS**
15 min, 1/4 in. audiotape, full-track, monaural
Producer USNASA
Title No. 002199 *Sale* $7.50

Contains satellite telemetry signals and launch vehicle sound effects. Each excerpt is identified by a brief introductory narrative.

***SPACEPORT U S A**
24 min, 16mm film, optical sd, col 1967
Producer USNASA *Agency No.* HQ 210
Title No. 702927 *Sale* $96.00

Describes the facilities and operation of the John F Kennedy Space Center and the launch site for the 365 foot Apollo/Saturn V rocket.

***SPANISH - BASIC COURSE, UNITS 1-15**
15 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004101 *Sale* $48.75

Cassettes and accompanying text are both available for $54.75.

OTHER FORMAT(S) or VERSION(S)
30 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No 004102 *Sale* $83.50

Tape set and accompanying text are both available for $89.50.

***SPANISH - BASIC COURSE, UNITS 16-30**
21 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004103 *Sale* $68.25

Cassettes and accompanying text are both available for $74.50.

OTHER FORMAT(S) or VERSION(S)
36 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004104 *Sale* $100.50

Tape set and accompanying text are both available for $106.75.

***SPANISH - BASIC COURSE, UNITS 31-45**
16 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004105 *Sale* $52.00

Cassettes and accompanying text are both available for $57.25.

OTHER FORMAT(S) or VERSION(S)
31 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004106 *Sale* $86.50

Tape set and accompanying text are both available for $91.75.

***SPANISH - BASIC COURSE, UNITS 46-55**
18 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004107 *Sale* $58.50

Cassettes and accompanying text are both available for $62.50.

OTHER FORMAT(S) or VERSION(S)
30 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004108 *Sale* $83.50

Tape set and accompanying text are both available for $87.50.

* INDICATES NEW ENTRY

*** SPANISH - FROM SPANISH TO PORTUGESE**
2 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004113 *Sale* $6.50
Cassettes and accompanying text are both available for $7.50.

OTHER FORMAT(S) or VERSION(S)
4 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004114 *Sale* $11.25
Tape set and accompanying text are both available for $12.25.

*** SPANISH - PROGRAMMATIC, VOL 1**
24 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004109 *Sale* $78.00
Cassettes and accompanying text are both available for $80.25.

OTHER FORMAT(S) or VERSION(S)
24 1/4 in. audiotapes, 2-track, monaural
Producer USFSI
Title No. 004110 *Sale* $66.75

*** SPANISH - PROGRAMMATIC, VOL 2**
16 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004111 *Sale* $52.00
Cassettes and accompanying text are both available for $57.25.

OTHER FORMAT(S) or VERSION(S)
16 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004112 *Sale* $45.00
Tape set and accompanying text are both available for $50.25.

*** SPARK ARRESTER INSPECTION**
10 min, 16mm film, optical sd, col 1965
Producer USDA *Agency No.* 5195
Title No. 002634 *Sale* $46.00
This training picture shows the proper procedures for maintenance and inspection of spark arresters used on all types of motorized equipment.

SPEAKING OF MODELS
28 min, 16mm film, optical sd, col 1965
Producer USAE
Title No. 003502 *Sale* $110.00
Shows how hydraulic model studies at the U.S. Army Engineer Waterways Experiment Station, Vicksburg, Mississippi, aid in planning and designing corps of engineers' projects for flood control navigation, and hydroelectric power. Models shown are Greenup locks and dam, east passage of Narragansett Bay, Savannah Habor, Texarkana dam outlet works, and old river control structure. Tide machine instrumentation is also discussed and illustrated.

SPECIAL CIRCUMSTANCES
14 min, 16mm film, optical sd, b&w 1946
Producer USN *Agency No.* MN0202X
Title No. 003503 *Sale* $30.50
Illustrates five cases in which the courts decided the rules of special circumstances were not applicable.

SPECIAL EYE CARE FOR BURNS
11 min, 16mm film, optical sd, col 1969
Producer USA *Agency No.* PMF 5424
Title No. 003504 *Sale* $44.75
Demonstrates the special eye care of patients suffering second and third degree burns of the face to prevent eye infection and corneal laceration.

SPECIAL LIGHTS
29 min, 16mm film, optical sd, col 1943
Producer USN *Agency No.* MN00202G
Title No. 003505 *Sale* $97.75
Describes international and inland rules for flare up, naval and navigation signals, pilot vessels, fishing vessels ferry boats, dredges, and fishing craft at anchor.

SPECIAL PURPOSE TUBES - REMOTE CUTOFF AND BEAM POWER TUBES
18 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-422
Title No. 003506 *Sale* $38.50
Discusses the distinguishing characteristics, operation, and advantages of remote cutoff tubes. Compares remote and sharp cutoff tubes, and discusses the operation of a sharp cutoff tube. Gives the purpose of remote cutoff tubes, discusses the beam power tube construction and how the beam forming plates overcome disadvantage of secondary emission, thereby making it an ideal tube for power amplification. (Kinescope)

SPECIAL STEERING AND SAILING RULES
14 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN00202Z
Title No. 003507 *Sale* $25.50
Gives the steering and sailing rules governing a steam vessel under way and a sailing vessel fishing. Defines 'privilege' and 'burden'.

SPECIFICITY OF ANTIGEN-ANTIBODY REACTIONS, THE
32 min, 16mm film, optical sd, b&w 1968
Producer USNMAC *Agency No.* T-1509
Title No. 003508 *Sale* $66.50
Introduces the viewer to basic principles of immunology, giving some insight as to the chemical and physical forces that contribute to the phenomenon of immunological specificity. (Kinescope)

*** SPEECH - UPPER GRADE LEVEL**
19 min, 16mm film, optical sd, col
Producer USBEH
Title No. 000352 *Sale* $75.75
The film demonstrates a speech program for the hearing impaired at the upper grade levels. Lessons presented are 'definitions', 'adjectives and adverbs', and 'idiomatic expressions'.

OTHER FORMAT(S) or VERSION(S)
19 min, s8mm cartridge, optical sd, col
Producer USBEH
Title No. 003441 *Sale* $48.25

*** SPEECH KIT - 1**
11 min, 16mm film, optical sd, col
Producer USBEH *Agency No.* H-101-1
Title No. 003442 *Sale* $48.50
Demonstrates 'tools' used by the teacher to teach tongue placement and manner of articulation in speech lessons.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Speech Kit*

*** SPEECH KIT - 2**
10 min, 16mm film, optical sd, col
Producer USBEH *Agency No.* H-101-2
Title No. 003443 *Sale* $43.00
Demonstrates visual and tactile devices which aid in teaching air action during speech production.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Speech Kit*

*** SPEECH KIT - 3**
12 min, 16mm film, optical sd, col
Producer USBEH *Agency No.* H-101-3
Title No. 003694 *Sale* $52.50
Demonstrates materials which aid in teaching speech relative to voiced-voiceless-nasal distinction, tongue shape, lip shape, self-monitoring, cleanliness, stimulus and motivation materials.
From the *TEACHING SPEECH TO THE PROFOUNDLY DEAF Series. Speech Kit*

SPEECH READING
28 min, 16mm film, optical sd, b&w 1951
Producer USA *Agency No.* TF08-1706
Title No. 705425 *Sale* $48.75
Explains how persons with a hearing loss can learn, by careful interpretation of lip movements, to 'see' what people are

saying. Shows how vowel and consonant sounds are formed by the mouth.

SPEECH TECHNIQUES
11 min, 16mm film, optical sd, b&w 1956
Producer USA *Agency No.* TF21-2306
Title No. 705430 *Sale* $21.75

Discusses the importance of good speech techniques in military instruction, and illustrates techniques to be used--including looking at and talking directly to the audience, attention to one's diction, exercising care in the use of mannerisms, and speaking slowly enough to be understood.

SPEED DROP
5 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN02598B
Title No. 003509 *Sale* $11.25

Demonstrates load equalizer is added to the governor to control speed, and how the power piston and speeder spring function.

From the *DIESEL ENGINE GOVERNORS-MARQUETTE GOVERNOR Series.*

SPERT 1 - REACTOR SAFETY EXPERIMENTS
32 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No. 003713 *O/PRINT*

Reports on reactor safety investigations involving use of the special power excursion reactor test (SPERT), a tank type, atmospheric-pressure, heterogeneous reactor. Explains that SPERT was designed primarily for the study of reactor kinetics and safety parameters in functionally similar reactors. Illustrates a number of intentionally induced power excursions.

SPLENOPORTOGRAPHY
9 min, 16mm film, optical sd, col 1961
Producer USA *Agency No.* PMF 5343
Title No. 003714 *Sale* $31.00

Demonstrates the X-ray technique use at Walter Reed Army Medical Center to study the condition of the splenic and portal veins for diagnostic purposes.

SPLICING A WOODEN SPAR
21 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 248
Title No. 707140 *Sale* $43.25

Tells how to cut a scarf joint on a spar, finish a scarf face by hand, and glue and assemble a scarf joint. Tells how to make, glue, and assemble reinforcement plates and trim a spar to shape and size.

From the *AIRCRAFT WORK* series. Aircraft Maintenance

SPLIT-PHASE MOTOR - REWINDING
28 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 394
Title No. 707250 *Sale* $48.75

Shows how to test a split-phase motor for electrical and mechanical faults, dismantle and strip the stator, rewind the stator, form and install skein windings and insulate. Explains how to lace, dip and bake the stator, and how to assemble, lubricate and test motors.

From the *ELECTRICAL WORK* series. Motor Maintenance And Repair, No. 3

SPLIT-PHASE MOTOR PRINCIPLES
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 386
Title No. 000685 *Rental* $7.50 Sale $30.50

Shows construction of stator and rotor, comparison of winding in two-phase stator with split-phase stator, effects of winding resistances and inductive reactances, and use of capacitor to produce phase displacement.

From the *ELECTRICAL WORK* series. Electrical Machinery, No. 4

SPLIT-PHASE MOTOR PRINCIPLES (SPANISH)
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 386
Title No. 003715 *Rental* $7.50 Sale $30.50

Shows construction of stator and rotor, comparison of winding in two-phase stator with split-phase stator, effects of winding resistances and inductive reactances, and use of capacitor to produce phase displacement.

From the *ELECTRICAL WORK* series. Electrical Machinery, No. 4

SPOROCYSTS AND CERCARIAE OF SCHISTOSOMA MANSONI
6 min, 16mm film, silent, b&w 1948
Producer USNMAC *Agency No.* 04-00064
Title No. 003716 *Sale* $11.00

A photomicrographic study of cercarial movements and characteristics.

RECOMMENDED FOR PROFESSIONAL USE.

SPOT PREVENTION - MEASLES
14 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1263
Title No. 003717 *Sale* $48.50

Humorously shows the chase and capture of the measles 'germ' and his 'conversion' to protective vaccine. Animated. For the purpose of promoting immunization against measles in children.

SPOT PREVENTION - MEASLES (SPANISH)
14 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1263
Title No. 006443 *Sale* $48.50

Humorously shows the chase and capture of the measles 'germ' and his 'conversion' to protective vaccine. Animated. For the purpose of promoting immunization against measles in children.

SPOT WELDING
20 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 295
Title No. 707850 *Rental* $7.50 Sale $35.25

Shows how to spot weld parts of an access cover, set up the machine, remove and install electrodes, set pressure, current and time controls, test the setup and clean the electrode tips.

From the *AIRCRAFT WORK* series. Assembling and Riveting, No. 9

SPOTLIGHT ON RECOVERY
15 min, 16mm film, optical sd, col 1964
Producer USFAA *Agency No.* FA-0603
Title No. 003718 *Sale* $53.50

Reveals the speed with which FAA facilities in Alaska returned to normal operations following the 1964 earthquake. Recovery methods used by FAA have been lauded by the Office of Civil Defense and can be applied in a number of other emergency situations.

SPRAYING EQUIPMENT AND PROCEDURES, PT 1, RESIDUAL SPRAYING
9 min, 16mm film, optical sd, col 1951
Producer USNMAC *Agency No.* 04-091
Title No. 002414 *Sale* $31.00

Explains the meaning of residual spraying for fly control, the necessity for this type of spraying, and the methods of using hand and power spraying equipment.

SPRAYING EQUIPMENT AND PROCEDURES, PT 1, RESIDUAL SPRAYING (FRENCH)
7 min, 16mm film, optical sd, col 1950
Producer USNMAC *Agency No.* M-1139 FR
Title No. 001278 *Sale* $31.00

Explains the meaning of residual spraying for fly control, the necessity for this type of spraying, and the methods for using hand and power spraying equipment.

SPRINGBOARD TO SPACE - THE ARNOLD CENTER STORY
15 min, 16mm film, optical sd, col 1963
Producer USAF *Agency No.* SFP 1167
Title No. 003722 *Sale* $51.75
Reveals the complexities of the Arnold Center where man seeks to understand and to resolve problems of space flight.

SPUR DIKES
14 min, 16mm film, optical sd, col 1965
Producer USFHWA
Title No. 708910 *Rental* $10.00 Sale $48.50
Shows the theory, laboratory research, and the practical application of spur dikes to control scour at bridge abutments in flood conditions, resulting from the work of public roads and several states to establish a standard method of reducing damage and cost of maintenance at bridge locations.

SPUTUM COLLECTION AND HANDLING
7 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-1019
Title No. 003723 *Sale* $22.75
Treats subject of proper collection and handling of sputum. Collection methods include produced cough and gastric lavage. Handling introduces newly designed collection tube with built-in safety factor designed to prevent contamination of technical personnel.

SPUTUM DIGESTION AND DECONTAMINATION WITH N-ACETYL-L-CYSTEINE NOAH
6 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No.* M-0771
Title No. 708920 *Sale* $19.50
Demonstrates a method for digesting and decontamination of sputum suspected of containing tubercle bacilli. The entire procedure is carried on under a safety hood, greatly reducing hazards to the technologist.

SQUEEZE RIVETING - STATIONARY AND PORTABLE RIVETERS
15 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 293
Title No. 709075 *Rental* $7.50 Sale $27.00
Shows how to select correct rivet sets for stationary and portable squeezers, set up and use the stationary squeezer and the portable squeezer.
From the *AIRCRAFT WORK* series. Assembling and Riveting, No. 7

SQUIRREL-CAGE ROTOR PRINCIPLES
10 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 385
Title No. 709150 *Rental* $5.00 Sale $17.50
Describes the laws of magnetism and induced EMF. explains electron flow in squirrel-cage rotor setting up magnetic poles which create torque. Shows the construction of squirrel-cage rotors.
From the *ELECTRICAL WORK* series. Electrical Machinery, No. 3

***ST MARY'S BRIDGE TEST**
9 min, 16mm film, optical sd, col 1970
Producer USFHWA
Title No. 002202 *Rental* $7.50 Sale $37.25
Describes the vibration frequency and live load tests conducted on the St. Mary's Bridge, located at St. Mary's, West Virginia, which is a sister Bridge to the Point Pleasant Bridge, which collapsed in December 1967.

STABLE AND SAFE
20 min, 16mm film, optical sd, col 1969
Producer USFAA *Agency No.* FA-0704
Title No. 003724 *Sale* $68.25
Reveals what frequently happens when pilots inadvertently fly into marginal or IFR weather and lose their visual reference, becoming dangerously disoriented. Describes the different types of stability augmentation systems available for use in general aviation aircraft to assist pilots in maintaining control.

STAGES OF INSTRUCTION, THE - APPLICATION, EXAMINATION, AND REVIEW OR CRITIQUE
20 min, 16mm film, optical sd, b&w 1956
Producer USA *Agency No.* TF21-2304
Title No. 709775 *Sale* $35.25
Explains the importance of learning by doing, of giving examinations to improve learning and to measure the effectiveness of teaching, and of reviewing the main points of instruction in order to clear up any confusion which may exist in the student's mind.

STAGES OF INSTRUCTION, THE - PREPARATION
12 min, 16mm film, optical sd, b&w 1956
Producer USA *Agency No.* TF21-2302
Title No. 003725 *Sale* $22.25
Discusses the importance of estimating the instructional situation, selecting and organizing teaching materials, checking on the availability of training aids, preparing a lesson plan, rehearsing the lesson, and checking all arrangements to insure no slip up in the classroom.

STAGES OF INSTRUCTION, THE - PRESENTATION
12 min, 16mm film, optical sd, b&w 1956
Producer USA *Agency No.* TF21-2303
Title No. 709779 *Sale* $22.25
Explains the elements of presentation in military instruction - introduction, explanation, and summary and the lecture, conference and demonstration methods of explanation.

STAINING BLOOD FILMS FOR DETECTION OF MALARIA PARASITES
8 min, 16mm film, optical sd, col 1967
Producer USNMAC *Agency No.* M-1432
Title No. 003726 *Sale* $27.75
Shows steps in staining blood with giemsa stain to demonstrate maximum detail of blood parasites. Shows good and poor preparations and discusses errors.

STALEMATE IN KOREA
19 min, 16mm film, optical sd, b&w 1951
Producer USDOD *Agency No.* CB 113
Title No. 709785 *Sale* $33.75
Shows military operations in Korea from July 20 to August 20, 1951.

***STAMP OUT HOG CHOLERA**
22 min, 16mm film, optical sd, col 1963
Producer USDA *Agency No.* 2018
Title No. 003998 *Sale* $98.00
Shows the impact of this disease on a modern-day hog producer who gambled with hog cholera--and lost. It tells farmers what needs to be done to eradicate hog cholera, and how and why it should be done. Depicts the State-Federal Cooperative Program to eradicate this costly swine disease.

***STAMP OUT HOG CHOLERA (SPANISH)**
22 min, 16mm film, optical sd, col 1963
Producer USDA *Agency No.* 2018-S
Title No. 003999 *Sale* $98.00
Shows the impact of this disease on a modern-day hog producer who gambled with hog cholera--and lost. It tells farmers what needs to be done to eradicate hog cholera, and how and why it should be done. Depicts the State-federal Cooperative Program to eradicate this costly swine disease.

***STAMPS - A NATION'S CALLING CARDS**
19 min, 16mm film, optical sd, col 1970
Producer USPO
Title No. 710060 *Sale* $78.00
Presents significant historical postage stamps produced for Americans to use, as well as the craftsmanship of the artist and engraver in a printing process to produce philatelic miniature masterpieces.

STANDARDIZATION
19 min, 16mm film, optical sd, b&w 1955
Producer USN *Agency No.* MN08084
Title No. 710245 *Sale* $33.75
Explains the basic concepts and benefits of standards and the standardization process. Sets forth broad principles for

an effective approach to standardization problems, whether local or international in scope.

STANDARDIZATION - ENGINEERING PLANNING
14 min, 16mm film, optical sd, col 1959
Producer USN *Agency No.* FN08084B
Title No. 710248 *Sale* $48.50
Shows an analysis of the type of engineering and technical work which is necessary on a planned basis to achieve standardization objectives in large and complicated technical aeras.

STAPHYLOCOCCAL INFECTION
40 min, 16mm film, optical sd, b&w 1964
Producer USNMAC *Agency No.* T-1813-X
Title No. 003728 *Sale* $80.25
Discusses three problems of staphylococcal infection-pneumonia, endocarditis, and furunculosis.

STAR IDENTIFICATION
16 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No.* MN00083F
Title No. 003727 *Sale* $28.50
Explains briefly the apparent movement of the stars across the sky. Locates and identifies 23 basic navigation stars, including--Duthe, Polaris, Arcturus, Spica, Regulus, Vega, Betelguese, Sirius, and several important constellations.
From the *NAVIGATION* series.

***START OF SOMETHING SPECIAL, THE**
12 min, 16mm film, optical sd, col 1972
Producer USN *Agency No.* MN-11185
Title No. 003093 *Sale* $50.50
Explains the academic nature and benefits of the Naval Junior Officer Training Program as a elective science in secondary schools.

STATISTICAL DESIGN OF EXPERIMENTS, THE
20 min, 16mm film, optical sd, col 1960
Producer USN *Agency No.* FN08874
Title No. 003729 *Sale* $68.25
Explains the fundamental concepts of modern statistical design of scientific experiment.

***STATISTICAL QUALITY CONTROL - PROCESS CONTROL**
12 min, 16mm film, optical sd, b&w 1951
Producer USN *Agency No.* MN 6621-A
Title No. 003122 *Sale* $26.75
Shows statistical methods involved in process control as a means of obtaining for the government a better product at a lower price.
THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY.

STATISTICAL SAMPLING - A MANAGEMENT TOOL
26 min, 16mm film, optical sd, col 1968
Producer USFSS
Title No. 003730 *Sale* $105.75
Endeavors to bring about an understanding, acceptance, and use of statistical sampling as a management tool. Planned for initial use with GSA warehouse management and supervisory personnel, it is beneficial to any personnel with similar responsibilities.

STEEL RULE
14 min, 16mm film, optical sd, b&w 1941
Producer USOE *Agency No.* OE 001
Title No. 712450 *Rental* $7.50 Sale $25.50
Discusses the variations found in steel rules, the types of scales found on them and their proper usage, and the procedure for transferring measurements by means of calipers and dividers.
From the *MACHINE SHOP WORK* series.

STEEL RULE (SPANISH)
14 min, 16mm film, optical sd, b&w 1941
Producer USOE *Agency No.* OE 001
Title No. 003500 *Rental* $7.50 Sale $25.50
Discusses the variations found in steel rules, the types of scales found on them and their proper usage, and the procedure for transferring measurements by means of calipers and dividers.
From the *MACHINE SHOP WORK* series.

STEEL TOWN
17 min, 16mm film, optical sd, b&w 1944
Producer USOWIO
Title No. 003731 *Rental* $7.50 Sale $36.75
Shows the steel mills, blast furnaces, and lives of the steel workers in Youngstown, Ohio.
From the *AMERICAN SCENE* series. No. 4

STEERING, WHEELS, FRONT AND REAR AXLES
19 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 484
Title No. 212560 *Rental* $7.50 Sale $33.75
Discusses how to check for play in the steering wheel and the front end assembly, correct wheel runout, make a toe-in test and test springs, axles and over all backlash.

***STEM RUST**
14 min, 16mm film, optical sd, col 1950
Producer USDA *Agency No.* 1035-R
Title No. 004000 *Sale* $64.00
This is the story of stem rust, a fungus disease that destroys wheat, oats, barley, and rye, and its control. It shows how barberry bushes spread the disease to grain crops, the importance of these crops and dependent industries in the Nation's economy, the nature of the disease and how it damages the grain.

***STEP ASIDE, STEP DOWN**
20 min, 16mm film, optical sd, col 1971
Producer USSRS
Title No. 002200 *Sale* $80.00
Reports on the problems of aging in America such as income, housing, nutrition and transporation. Shows successful private and government programs aimed at solving them.

STEP IN THE RIGHT DIRECTION, A
13 min, 16mm film, optical sd, col 1970
Producer USSBA
Title No. 712725 *Rental* $10.00 Sale $45.25
Dramatizes importance of merchandise control in retail stores and illustrates some control procedures and techniques.

STEPS TO RECOVERY - REHABILITATION OF THE PATIENT WITH PULMONARY TUBERCULOSIS
30 min, 16mm film, optical sd, b&w 1961
Producer USA *Agency No.* TF08-3057
Title No. 003752 *Sale* $52.00
Depicts the medical treatment and rehabilitation of tubercular patients as viewed through the eyes of two military patients hospitalized at Fitzsimons Army Hospital, Denver. Shows one patient who does not require surgery, from the time of his admittance through the treatment during the communicable stage, and pictures the second patient who is required to undergo surgery, highlighting preoperative physical therapy and post-surgical care.

STILLWELL ROAD, THE
51 min, 16mm film, optical sd, b&w 1945
Producer USA *Agency No.* CR 003
Title No. 713275 *Sale* $89.25
Documents the construction of a supply road through the mountains and jungles of Burma in World War II.

STOP RUBELLA
14 min, 16mm film, optical sd, col 1969
Producer USNMAC *Agency No.* M-1749
Title No. 003733 *Sale* $58.25
Stresses the need for parents to get their children inoculated against rubella. Shows rubella damaged children, development of vaccine, inoculation of children, and an interview with DR Bruce Dull of the National Communicable Disease Center. Opening and closing narration by Diahann Carroll, Lloyd Noland, and Marc Copage, of the 'Julia' television show.

STOREFRONT
40 min, 16mm film, optical sd, b&w
Producer USOEO
Title No. 713725 *Sale* $62.00
Documents the training and role of non-professional aides in a neighborhood storefront center. Shot in South Bronx, New York the film shows the anger and frustrations of ghetto life.

STORY OF GOODWILL, A
19 min, 16mm film, optical sd, b&w 1952
Producer USA
Title No. 003734 *Rental* $7.50 Sale $40.50
Portrays four students at International House, New York. Korean, Japanese, Chinese and Philippine--discussing the assistance given their countries by the United States.

STORY OF ROCKY MOUNTAIN SPOTTED FEVER, THE
29 min, 16mm film, optical sd, col 1969
Producer USNMAC *Agency No.* M-1715-X
Title No. 003578 *Sale* $117.50
Shows the tick life-cycle, rodent poisoning, cattle dipping and tick parasite, and liberation. Demonstrates the discovery of the yolk SAC vaccine and the advent of the therapeutic antibiotics. Shows epidemiologic studies undertaken, diagnostic services rendered to physicians, and recommendations for protection of exposed people.

STORY OF THE BLACK CATS, THE
19 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN04208B
Title No. 718670 *Sale* W/DRAWN
Shows how a PBY squadron in the Southwest Pacific goes out on a night mission to destroy a Japanese convoy.

STORY OF THE GREAT LAKES
25 min, 16mm film, optical sd, b&w 1954
Producer USCG
Title No. 718990 *Sale* $52.50
Depicts the overall economic significance of the Great Lakes and the important role played by the Coast Guard thereon. A cycle of one full year is covered.

***STORY-TELLING**
17 min, 16mm film, optical sd, col
Producer USBEH
Title No. 000353 *Sale* $68.00
The film demonstrates, through the illustration of 'jack in the beanstalk', how story telling can be used as an effective teaching aid in speech and language development of the hearing impaired.
OTHER FORMAT(S) or VERSION(S)
17 min, s8mm cartridge, optical sd, col
Producer USBEH
Title No. 003695 *Sale* $44.00

STOWAWAY, PT 1, DISEASE AND PERSONAL HYGIENE
17 min, 16mm film, optical sd, b&w 1948
Producer USA *Agency No.* TF08-1501
Title No. 003579 *Sale* $30.50
Depicts obvious and obscure ways in which disease is spread by food-handling personnel.

STOWAWAY, PT 2, GALLEY SANITATION
17 min, 16mm film, optical sd, b&w 1948
Producer USA *Agency No.* TF08-1502
Title No. 003580 *Sale* $42.25
Shows sanitary measures for use in all food service organizations to prevent spread of disease.

STRADDLE AND SURFACE MILLING TO CLOSE TOLERANCES
27 min, 16mm film, optical sd, b&w 1941
Producer USOE *Agency No.* OE 013
Title No. 720550 *Rental* $10.00 Sale $47.00
Demonstrates how to make surface and straddle-milling cutter setups. Shows how to surface-mill four sides of a workpiece and to machine a workpiece to a t-shape by straddle-milling.
From the *MACHINE SHOP WORK* series. Operations on the Milling Machine, No. 2

STRADDLE MILLING
17 min, 16mm film, optical sd, b&w 1941
Producer USOE *Agency No.* OE 014
Title No. 720650 *Rental* $7.50 Sale $30.50
Shows how to use an indexing fixture for production milling operations, space cutters on an arbor for straddle milling, and mill parallel bosses on connecting rods.
From the *MACHINE SHOP WORK* series. Operations on the Milling Machine, No. 3

STRAPS AND TRANSPORTATION BRIDLES
15 min, 16mm film, optical sd, b&w 1949
Producer USA *Agency No.* TF55-1118
Title No. 721125 *Sale* $27.00
Shows how to attach straps and bridles to various types of draughts, handle in vertical position, and use dunnage properly.

STRATEGIC AIR COMMAND COMBAT MISSILE FORCE
15 min, 16mm film, optical sd, col 1963
Producer USAF *Agency No.* SFP 1200
Title No. 003581 *Sale* $51.75
Presents a tour of an Atlas and a Titan underground launch site. Shows support equipment, powerhouse, control center, missile crews, and command post at the Atlas facilities. Points out the tight security measures and controls over accidental firing. Shows support antenna silos, crew facilities, and wing command post at the Titan site. Simulates an enemy attack to demonstrate instant retaliation potential of our combat missile force.
CLEARED FOR TV.

***STRATEGIC ATTACK**
50 min, 16mm film, optical sd, col 1951
Producer USAF *Agency No.* TF1-4613
Title No. 002927 *Rental* $17.00
Shows the strategic bombing of Japan, the building of strategic weapons, and results of strategic bombing.
CLEARED FOR TV.

STREPTOCOCCAL INFECTIONS
40 min, 16mm film, optical sd, b&w 1963
Producer USNMAC *Agency No.* T-1839-X
Title No. 003582 *Sale* $80.25
Discusses grouping and typing of streptococci. Explains small, mail-in culture kits that make rapid and accurate culture facilities available to all physicians.

STREPTOMYCIN
10 min, 16mm film, optical sd, b&w 1950
Producer USA
Title No. 003776 *Rental* $5.00 Sale $21.00
Reviews the events and work that led to the discovery of the drug, streptomycin, by DR Waxman at Rutgers University.

STRETCHING AND MOBILIZATION FOR THE PARKINSON PATIENT
7 min, 16mm film, optical sd, col 1967
Producer USNMAC *Agency No.* M-1444
Title No. 003583 *Sale* $24.50
Presents a demonstration of stretching and mobilization techniques for use with Parkinson patients. For physical therapist.

***STRIDER...A FILM**
29 min, 16mm film, optical sd, col 1970
Producer USN *Agency No.* MN11004
Title No. 721820 *Sale* $115.50
Depicts campus life and classroom scenes of NROTC midshipmen. describes the advantages of the NROTC college scholarship program which leads to a degree as well as a career as a Naval or Marine corps officer.

STROKE PATIENT, THE, PT 1, GROSS PROGNOSTIC EVALUATION
30 min, 16mm film, optical sd, b&w 1968
Producer USNMAC *Agency No.* T-1829-X
Title No. 003584 *Sale* $60.50
Demonstrates evaluation of four patients for strength, range of motion, coordination, spasticity, and sensory deficit in

upper and lower extremities. Emphasizes potentialities of the stroke patient.

STROKE PATIENT, THE, PT 2, DETAILED FUNCTIONAL EVALUATION
30 min, 16mm film, optical sd, b&w 1968
Producer USNMAC *Agency No* T-1830-X
Title No 003585 *Sale* $60.50
Details functional evaluation of the patient with assessment of daily living activities.

STUDENT ENGINEER
10 min, 16mm film, optical sd, b&w 1963
Producer USIA *Agency No* 01-02576
Title No 004679 Sale: W/DRAWN
Tells of a young engineering major at a mid-western university who attends academic programs in the mornings and a co-operative industry training program in the afternoons.

STUDENT TEACHER
9 min, 16mm film, optical sd, b&w 1964
Producer USIA *Agency No* 01-02578
Title No 004556 *Rental* W/DRAWN Sale: W/DRAWN
Tells of a young education major at the University of Wisconsin as he nears graduation. Visualizes his growth in self-confidence as a teacher. Offers an insight into the way a student must perform as a teacher while still a student.

STUDIES IN BACTERIOLOGY, - PT 2, MOTILITY
4 min, 16mm film, silent, b&w 1953
Producer USNMAC *Agency No* M-0130-B
Title No 003586 *Sale* $7.75
Shows by cinephotomicrography and explains by captions the motility of monotrichous, amphitrichous, and peritrichous bacteria. User should supplement film with current data. Credits--based on photograph done in 1930-31 by R. P. Loveland of Eastman Kodak co. Research laboratories.

STUDIES IN BACTERIOLOGY, PT 3, CELL DIVISION
4 min, 16mm film, silent, b&w 1953
Producer USNMAC *Agency No* M-0130-C
Title No 003587 *Sale* $7.75
Shows by cinephotomicrography and explains by captions the process of cell division of spherical and rod shaped bacteria. User should supplement film with current data.

***STUFF WE THROW AWAY, THE**
23 min, 16mm film, optical sd, col 1970
Producer USEPA
Title No 002201 *Sale* $93.75
Describes the massive problem of collecting and disposing of America's solid wastes. Illustrates a variety of new and improved techniques that are being investigated and demonstrated under provisions of the Solid Waste Disposal Act.

***SUBCORNEAL PUSTULAR DERMATOSIS**
7 min, 16mm film, optical sd, col 1962
Producer ILDS *Agency No* AFIP-64
Title No 004680 *Rental:* W/DRAWN Sale: W/DRAWN
Demonstrates the disease in two characteristic cases. Shows clinical features, histopathological findings, and responses to therapy with DDS and systemic steroids.

SUBMANDIBULAR TRIANGLE
14 min, 16mm film, optical sd, col 1959
Producer USVA *Agency No* D-62A
Title No 003588 *Sale* $46.25
Demonstrates by dissection and illustrative drawings the boundaries and the structures of the submandibular triangle.

SUBMARINE, PT 2, CONSTRUCTION, THE
29 min, 16mm film, optical sd, b&w 1953
Producer USN *Agency No* FN08024B
Title No 003589 *Sale* $50.25
Describes the construction of the modern submarine, including--the pressure hull, tanks, and superstructure and each of the basic systems of the submarine.

SUBMARINE, PT 3, DRIVING AND SURFACING, THE
12 min, 16mm film, optical sd, b&w 1955
Producer USN *Agency No* MN08024C
Title No 003590 *Sale* $22.25
Discusses methods used by a submarine in submerging, and explains positive, negative, and netural buoyancy. Presents an evaluation of surfacing.

SUBMENTAL TRIANGLE, THE
8 min, 16mm film, optical sd, col 1957
Producer USVA *Agency No* D-51A
Title No 003591 *Sale* $28.75
The boundaries in this relationship of the submental triangle are demonstrated in this dissection. Drawings are also used for clarification.

SUCKING WOUNDS OF THE CHEST
12 min, 16mm film, optical sd, col 1953
Producer USN *Agency No* MN07477
Title No 003592 *Sale* $42.00
Five important steps in prompt and proper treatment for a sucking chest wound are demonstrated by means of a simulated casualty on the battlefront.

SUCTION BIOPSY OF THE GASTROINTESTINAL MUCOSA
16 min, 16mm film, optical sd, col 1967
Producer USNMAC *Agency No* M-1564-X
Title No 003593 *Sale* $55.00
Shows how suction biopsy tubes are passed under fluoroscopic control. Techniques for passing the pylorus will be illustrated as well as the necessity for taking small bowel biopsies near the duodeno-jejunal junction. The use of the suction biopsy tube in the esophagus, stomach, and rectum will be briefly illustrated. The most important feature of the film is the detail of handling the biopsy to minimize trauma and to assure perfect orientation. If the biopsies are not handled atraumatically, and if they are not perfectly oriented, then subsequent processing of interpretable biopsies will be impossible.

SUDDEN NATURAL DEATH
25 min, 16mm film, optical sd, b&w 1970
Producer USNMAC *Agency No* T-1776
Title No 003594 *Sale* $52.50
DR Helpern discusses aspects of sudden natural death, the most common cause being occlusive coronary artery disease. This program includes discussion and visual material concerning the evidence of organic disease in the body of the deceased, trauma and sudden natural deaths, and the relationships and contributing factors inherent in this peculiar problem. (Kinescope)

SUICIDE PREVENTION IN HOSPITALS
30 min, 16mm film, optical sd, b&w 1968
Producer USVA
Title No 003595 *Sale* $52.00
Shows how hospital personnel can anticipate and prevent suicide attempts. Based on 12 years of research by the VA's unit for the study of unpredicted death.

SUITED FOR SPACE
28 min, 16mm film, optical sd, b&w 1966
Producer USNASA *Agency No* HQK-SR5
Title No 003596 *Sale* $53.75
Presents the history of space suits from mercury through Apollo to future concepts. Also included is a close-up look at the portable life support system an astronaut will wear on the surface of the Moon.

SUMMER MOVEMENTS IN THE ARCTIC
15 min, 16mm film, optical sd, b&w 1950
Producer USA *Agency No* FB55-0232
Title No 003597 *Sale* $32.50
Describes terrain features of arctic and subarctic regions--the difficulties of moving men and supplies, and problems of camping and survival. (Formerly fb20-0232)

* INDICATES NEW ENTRY

SUPERCHARGING AND FUEL INJECTION
20 min, 16mm film, optical sd, b&w 1956
Producer USA *Agency No* TF09-2240
Title No 003598 *Sale* $35.25
Discusses the supercharging and fuel injection systems used on Army vehicles to provide increased horsepower for engines without increasing the size of the engine and covers their purpose, components, and functions.

SUPERSONIC THUNDERBIRDS
14 min, 16mm film, optical sd, col 1959
Producer USAF *Agency No* SFP 0637
Title No 727150 *Sale* $48.50
Portrays the famous jet aerobats in their homes and in super sabres as they fly through breath-taking maneuvers, including a power climb, the graceful cloverleaf turn, an intricate loop with wing tips overlapping, a tight 360 degrees turn that builds up terrific G forces, and the spectacular 'bomb burst.'

SUPERVISING WOMEN WORKERS
11 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 158
Title No 003599 *Rental* $5.00 Sale $19.25
Shows a plant manager advising a foreman to remember that women workers haven't the same industrial experience as men and very often have more home responsibilities, and to take these facts into account in his supervision.
From the *PROBLEMS IN SUPERVISION* series.

SUPERVISING WORKERS ON THE JOB
10 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 157
Title No 003600 *Rental* $5.00 Sale $17.50
Dramatizes incidents illustrating good and poor methods of supervision, including the necessity for obtaining the confidence of workers and the dangers of 'snoopervising'.
From the *PROBLEMS IN SUPERVISION* series.

SUPERVISING WORKERS ON THE JOB (SPANISH)
10 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 157
Title No 003601 *Rental* $5.00 Sale $17.50
Dramatizes incidents illustrating good and poor methods of supervision, including the necessity for obtaining the confidence of workers and the dangers of 'snoopervising'.
From the *PROBLEMS IN SUPERVISION* series.

SUPERVISOR AS A LEADER, THE, PT 1
14 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 168
Title No 003602 *Rental* $7.50 Sale $25.50
Shows four dramatized episodes illustrating poor supervisory practices and the importance of the following rules--always keep promises, and never take credit for someone else's work, don't pass the buck, and don't play favorites.
From the *PROBLEMS IN SUPERVISION* series.

SUPERVISOR AS A LEADER, THE, PT 2
13 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 169
Title No 003603 *Rental* $7.50 Sale $23.75
Shows four dramatized instances of poor supervision leading to the following generalizations--be a leader not an authoritarian, show appreciation for a job well done, do not become angry, and protect the rights and feelings of workers.
From the *PROBLEMS IN SUPERVISION* series.

***SUPERVISORY TRAINING - A SERIES**
46 min, 16mm film, optical sd, col 1969
Producer USBM
Title No 003531 *Sale* $190.50
Motivates metal mine supervisory personnel to stress safety in all facets of the mining process.

MAN AND HIS HABITS
MAN'S SHORTCOMINGS
SAFETY CONSCIOUSNESS
MOTIVATION - A MEANS TO ACCIDENT PREVENTION

PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

SUPPLY MANAGER'S DILEMMA, THE
19 min, 16mm film, optical sd, col 1960
Producer USN *Agency No* MN09460
Title No 727400 *Sale* $65.00
Describes the influence of order costs, holding costs, shortages, and other factors in determining supply management policies.

SURFACE SAMPLING FOR MICROORGANISMS (RODAC METHOD)
8 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No* M-0924
Title No 003604 *Sale* $27.75
Teches the proper techniques and procedures of surface sampling for bacteria in hospitals using the rodac plate. Content--(1) reasons for surface sampling, (2) preparation of the agar sampling plates, (3) description of the random and geometric grid sampling methods, (4) counting and reporting of colonies.

SURFACE SAMPLING FOR MICROORGANISMS (SWAB METHOD)
5 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No* M-0925
Title No 003605 *Sale* $18.00
Shows the proper techniques and procedures of surface sampling for bacteria in hospitals, using the swab method and template. Content--(1) reasons for surface sampling, (2) techniques of sampling on flat and irregular surfaces (processing of swabs and rinse liquids, and (4) counting of microbial colonies, and interpretation of results.

SURGICAL APPROACHES TO THE ANKLE JOINT
32 min, 16mm film, optical sd, col 1952
Producer USVA
Title No 003607 *Sale* $107.50
Explains by animated diagrams the anatomy of the dorsolateral and medical aspects of the ankle joint. Shows operations employing approaches to the dorsal, lateral, medial, and posterior aspects of the joint and recapitulates each operation in animation.

SURGICAL APPROACHES TO THE BONES OF THE FOOT
32 min, 16mm film, optical sd, col 1952
Producer USVA
Title No 003608 *Sale* $107.50
Explains by animated diagrams the dorsolateral and medical aspects of the foot - shows operations employing approaches to the dorsal, dorsolateral, and plantar aspects - and recapitulates each operation in animation.

SURGICAL APPROACHES TO THE BONES OF THE WRIST
34 min, 16mm film, optical sd, col 1952
Producer USVA
Title No 003609 *Sale* $114.25
Explains by animated diagrams the anatomy of the volar, dorsal, and ulnar aspects of the wrist - shows operations employing approaches to the volar, radiovolar, ulnar, and dorsal aspects - and recapitulates each operation in animation.

SURGICAL APPROACHES TO THE ELBOW JOINT
39 min, 16mm film, optical sd, col 1950
Producer USVA
Title No 003610 *Sale* $130.50
Explains by animated diagrams the anatomy of the anterior and posterior aspects of the elbow joint shows operations employing approaches to the anterolateral, lateral, medial, and posterior aspects of the joint - and recapitulates each operation in animation.

* INDICATES NEW ENTRY

SURGICAL APPROACHES TO THE HIP JOINT

36 min, 16mm film, optical sd, col 1951
Producer USVA
Title No. 003611 *Sale* $120.75

Explains by animated diagrams the anatomy of the anterior and posterior aspects of the hip joint shows operations employing approaches to the anterolateral, straight lateral, and posterolateral aspects of the joint - and recaptulates each operation in animation.

SURGICAL APPROACHES TO THE KNEE JOINT

37 min, 16mm film, optical sd, col 1951
Producer USVA
Title No. 003612 *Sale* $124.00

Explains by animated diagrams the anterior and posterior aspects of the knee joint - shows operations employing approaches to the anterior and posterior aspects and to the medial and lateral semuluar carilages - and recapitulates each operation in animation.

SURGICAL APPROACHES TO THE SCAPULOHUMERAL JOINT

36 min, 16mm film, optical sd, col 1949
Producer USVA
Title No. 003613 *Sale* $120.75

Explains by animated diagrams the anatomy of the scapulohumeral joint - shows operations utilizing anterior, posterior, and muscle-splitting incisions - and recapitulates each operation in animation.

SURGICAL APPROACHES TO THE SPINE AND SACROILIAC

28 min, 16mm film, optical sd, col 1952
Producer USVA
Title No. 003614 *Sale* $94.50

Explains by animated diagrams the anatomy of the posterior aspect of the sacroiliac and the anterior and posterior aspects of the region of the spine with emphasis upon the lumbar area - shows operations involving the sacroiliac and the retroperitoneal space - and recapitulates each operation in animation.

SURGICAL APPROACHES TO THE STERNOCLAVICULAR AND ACROMIOCLAVICULAR JOINTS

17 min, 16mm film, optical sd, col 1952
Producer USVA
Title No. 003615 *Sale* $58.50

Explains by animated diagrams the anatomy of the anterior aspect of the sternoclavicular and acromioclavicular joints - shows operations approaching each joint - and recapitulates each operation in animation.

SURGICAL ENDODONTICS

15 min, 16mm film, optical sd, col 1964
Producer USVA *Agency No.* D-13-E
Title No. 003606 *Sale* $51.00

The process of periapical inflammatory reaction is explained. Demonstrates two surgical corrective procedures--curettage and root resection.

SURGICAL IMPLANT OF THE LOST MANDIBULAR CONDYLE WITH A STAINLESS STEEL MESH - ...

8 min, 16mm film, optical sd, col 1970
Producer USVA *Agency No.* D-122
Title No. 728204 *Sale* $32.50

FULL TITLE - SURGICAL IMPLANT OF THE LOST MANDIBULAR CONDYLE WITH A STAINLESS STEEL MESH - ACRYLIC PROTHESIS. Points out that failure to reduce and immobilize the fractured madibular condyle frequently results in poor articulation of the teeth, open bite, or inability to open the mouth. Shows the use of a prosthetic implant for correction of these complications.

SURGICAL REDUCTION OF THE MAXILLARY TUBEROSITY

13 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No.* D-55S
Title No. 003616 *Sale* $44.75

Reduction of the maxillary tuberosity is considered by some prosthodontists as a neglected factor in the construction of dentures. Adequate space to accommodate dentures is not always present in the tuberosity area. Frequently only the occlusal aspect is reduced when correcting this problem, whereas the critical posterio-lateral aspect is neglected. A recommended surgical procedure is demonstrated in a number of cases.

SURGICAL REMOVAL OF IMPACTED MANDIBULAR THIRD MOLAR

6 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No.* D-72S
Title No. 003617 *Sale* $22.25

An accepted technique for the surgical removal of a mesioangular impacted mandibular third molar is demonstrated. Controlled sectioning of the tooth utilizing a bur and elevator is shown.

SURGICAL REMOVAL OF IMPACTED MAXILLARY THIRD MOLAR

5 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No.* D-70S
Title No. 003777 *Sale* $23.50

Clinical demonstration of the surgical removal of a distoangular maxillary third molar impaction is presented in this film.

SURGICAL REPLACEMENT OF THE MANDIBLE WITH STAINLESS STEEL MESH

16 min, 16mm film, optical sd, col 1970
Producer USVA *Agency No.* D-128
Title No. 728428 *Sale* $61.00

Demonstrates the use of cast stainless steel mesh to replace segments of the mandible which are frequently lost in intraoral surgery.

SURGICAL TREATMENT FOR ANKYLOSIS OF THE TEMPOROMANDIBULAR JOINT

10 min, 16mm film, optical sd, col 1969
Producer USVA *Agency No.* D-107
Title No. 003618 *Sale* $41.00

Demonstrates a surgical corrective procedure using a tyconium prosthesis constructed to the measurements of the English penny.

✱SURGICAL TREATMENT OF BENIGN ACANTHOSIS NIGRICANS

16 min, 16mm film, optical sd, col
Producer IDCE
Title No. 004681 *Rental* W/DRAWN Sale: W/DRAWN

SURVEY OF REFUSE DISPOSAL METHODS, A

10 min, 16mm film, optical sd, col 1959
Producer USNMAC *Agency No.* M-0328
Title No. 728610 *Sale* $34.00

A filmograph which demonstrates the advantages and disadvantages of methods of refuse disposal-ranging from open dumps, dumping in ocean and rivers, and back-yard burning to scientifically engineered metropolitan incineration and sanitary landfills.

SURVIVAL STRESSES

30 min, 16mm film, optical sd, col 1961
Producer USAF *Agency No.* TF01-5375
Title No. 728735 *Sale* $101.00

Discusses major physiological and psychological stresses that may be encountered by persons facing a survival situation in the arctic, on the desert, in the tropics and on water. Describes methods of detecting, understanding and combating such stresses as hunger, thirst, cold, fatigue, fear and how to recognize and avoid dehydration.

SUSPECTS AND WITNESSES, PT 4, USE OF THE POLYGRAPH IN INVESTIGATIONS

26 min, 16mm film, optical sd, b&w 1967
Producer USA *Agency No.* TF19-3559
Title No. 003619 *Sale* $54.50

Presents pre-test interview with suspect, test examination procedure, analysis of polygraph indications, and past-test interrogation of suspect.

RECOMMENDED FOR PROFESSIONAL GROUPS ONLY.

✱ INDICATES NEW ENTRY

SVEA-NEWPORT INCIDENT, THE
3 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No* MN00202T
Title No 003620 *Sale* $6.25
Shows by animation the collision of the SVEA and the Newport, and the causes therefor.

SWAGING CABLE TERMINALS
12 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 298
Title No 003621 *Rental* $7.50 Sale $22.50
Tells how to measure and mark the cable accurately, set up the swaging machine, and check the terminals after swaging. Shows how to remove, clean, and reassemble parts of the machine.
From the *AIRCRAFT WORK* series. Control Cables, No. 3

***SWAHILI - ACTIVE INTRODUCTION, GENERAL CONVERSATION**
2 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No 004115 *Sale* $6.50
Cassettes and accompanying text are both available for $7.75.
OTHER FORMAT(S) or VERSION(S)
4 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No 004116 *Sale* $11.25
Tape set and accompanying text are both available for $12.50.

***SWAHILI - ACTIVE INTRODUCTION, GEOGRAPHY**
3 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No 004117 *Sale* $9.75
Cassettes and accompanying text are both available for $10.50.
OTHER FORMAT(S) or VERSION(S)
5 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No 004118 *Sale* $14.25
Tape set and accompanying text are both available for $15.00.

***SWAHILI - BASIC COURSE**
20 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No 004119 *Sale* $65.00
Cassettes and accompanying text are both available for $69.50.
OTHER FORMAT(S) or VERSION(S)
38 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No 004120 *Sale* $105.75
Tape set and accompanying text are both available for $110.25.

SWEDES IN AMERICA
16 min, 16mm film, optical sd, b&w 1943
Producer USOWIO
Title No 003622 *Sale* $34.75
Tells of the lives and contributions of Swedes in America, particularly the Swedish-American families in Minnesota. Contains a portrayal of Carl Sandburg. Narrated by Ingrid Bergman.
From the *AMERICAN SCENE* series. No. 1

***SWEDISH - BASIC COURSE, UNITS 1-30**
28 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No 004121 *Sale* $91.00
Cassettes and accompanying text are both available for $101.00.
OTHER FORMAT(S) or VERSION(S)
48 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No 004122 *Sale* $143.50
Tape set and accompanying text are both available for $153.50.

SWIMMING FOR SURVIVAL
18 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No* MN09198
Title No 729890 *Sale* $32.00
Stresses the importance of learning and practicing basic swimming skills by showing emergency situations where survival depends on this knowledge. Shows the side stroke, breast stroke, trudgein, sculling, treading water, and entering the water by jumping and diving.

SYMPHONY ACROSS THE LAND
53 min, 16mm film, optical sd, b&w 1958
Producer USIA *Agency No* 01-02594
Title No 730140 *Rental* W/DRAWN Sale W/DRAWN
Suggests the important role of music in American life by featuring leading symphony orchestras as representative of the more than 1,000 symphonies in the United States.

SYMPTOMATIC POSTGASTRECTOMY PATIENT, THE
22 min, 16mm film, optical sd, col 1969
Producer USNMAC *Agency No* M-1714
Title No 003623 *Sale* $89.75
Presents fiberscopic photographs of postoperative complications of the stomach.

SYNCHRO SYSTEMS, PT I
15 min, 16mm film, optical sd, b&w 1948
Producer USN *Agency No* MN 1540-W
Title No 003624 *Sale* $27.00
Explains how a synchro generator controls the movement of a synchro motor - and shows the electrical transfer of angular motion between two remote points.

SYNCHRO SYSTEMS, PT II
13 min, 16mm film, optical sd, b&w 1948
Producer USN *Agency No* MN01540X
Title No 730450 *Sale* $23.75
Shows the operation of a control transformer and a differential synchro generator. Explains how to use control transformer as a receiver and a differential generator when putting corrections into the signal of the circuit.

SYNCHROSCOPE
38 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-618
Title No 003625 *Sale* $78.50
Shows the block diagram of the vertical and horizontal channels of a typical synchroscope, and traces a signal through both channels. Uses the Tektronix 502a oscilloscope to demonstrate how the various controls affect signal presentation. (Kinescope)

TACTICAL AIR POWER
20 min, 16mm film, optical sd, col 1967
Producer USAF *Agency No* SFP 1597
Title No 731195 *Sale* $68.25
Discusses military importance of Tactical Air power especially in current counter-insurgency operations. Demonstrates latest striking power capabilities of Tactical Air Command (TAC). Depicts weapons deliv eries, assault airlifts, close air support and reconnaissance operations. Shows latest methods for ground extraction and air drops of heavy equipment and supplies. Also introduces the f-11, latest aircraft inventory.
CLEARED FOR TV.

TAKE 'ER DOWN
13 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No* MN09294
Title No 003626 *Sale* $23.75
Presents a history of the development of submarines in the U S Navy from 1900 to 1954. Includes scenes of The U S S Nautilus, the first nuclear-powered vessel.

TAKE SAFETY WITH YOU
14 min, 16mm film, optical sd, col 1957
Producer USAE
Title No 731725 *Sale:* W/DRAWN
Shows safety practices that should be followed for the greatest and safest enjoyment of the many recreational facilities available at Corps of Engineers' civil works projects.

Filmed on beautiful lakes Ouachita, Grenada, and Texoma, and on the Mississippi River this film stresses safe water recreation for the family.

THIS FILM HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY.

TAKE THAT FIRST STEP
28 min, 16mm film, optical sd, col 1968
Producer USNMAC *Agency No* M-1568-X
Title No 003627 *Sale* $94.50

Designed for 'soft sell' recruiting of young people in becoming teachers of handicapped children. It tells the story of a retarded boy and a college student who meet by accident. The boy spots the student dangling from a tree in which his sky-diving parachute has become entangled and tells how their friendship grows and influences the student's career planning.

TALKING TOGETHER
20 min, 16mm film, optical sd, b&w 1967
Producer USOEO
Title No 732600 *Sale* $27.00

Provides a discussion between parents and teachers in which they examine why their exchange of ideas throughout the year has been essential to their child's development.

TALKING WITH DOLPHINS
16 min, 16mm film, optical sd, col 1970
Producer USN *Agency No* M-1433X
Title No 732620 *Rental* $10.00 Sale $62.25

Describes studies and experiments made by naval electronics laboratory scientists in the area of underwater sound, using dolphins.

***TALL STACKS**
16 min, 16mm film, optical sd, col 1972
Producer USEPA *Agency No* TF-111
Title No 002203 *Sale* $69.25

Reports on the 5-year study that investigates the effects of large power plants on the gaseous and particulate concentrations at various elevations and distances from selected tall stacks installations. Meteorological influences are described and demonstrated as a wide variety of complex atmospheric elements that act and interact on the dispersion and dilution of effluents.

SUGGESTED FOR PROFESSIONAL GROUPS ONLY.

TARGET - URBAN MOBILITY
18 min, 16mm film, optical sd, col 1965
Producer USFHWA
Title No 733298 *O/PRINT*

Describes the rapid population growth taking place in the United States. Explains the meaning of Section 9 of the Federal Aid Highway Act of 1962 concerning requirements for an urban transportation planning process in urban areas having a population greater than 50,000. Briefly outlines the 10 basic technical Elements for which inventories and analyses are necessary in organizing and carrying out the cooperative, comprehensive, and continuing urban transportation planning process.

***TARGET ZERO**
20 min, 16mm film, optical sd, col 1962
Producer USDA *Agency No* 1524
Title No 003628 *Sale* $88.00

Stresses the importance of keeping frozen foods at zero degrees fahrenheit or lower through marketing channels from the processing plant through the warehouse, in transit and in storage, and at the retail level. Describes long time work of usda researches in working out time, temperature tolerance factors in maintaining quality of frozen foods illustrates practical application in the marketing process of knowledge gains.

TAURUS-GULF TRADE INCIDENT, THE
3 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No* MN00202P
Title No 003629 *Sale* $6.25

Shows collision of the Gulf Trade and the Taurus and the causes therefor.

TB LABORATORY PROCEDURE - DRUG SUSCEPTIBILITY TESTING, PT 1 - DIRECT METHOD
7 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No* M-1049
Title No 003630 *Sale* $22.75

One of two films. Shows direct method for determining the susceptibility of tubercle bacilli to various antituberculosis drugs--including sputum dilution and media inoculation, incubation, growth evaluation and recording.

TB LABORATORY PROCEDURE - DRUG SUSCEPTIBILITY TESTING, PT 2
7 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No* M-1050
Title No 003631 *Sale* $24.50

One of two films. Shows indirect method (by subculturing) for determining the susceptibility of tubercle bacilli to various anti-tuberculosis drugs, including sputum dilution, subculturing media inoculation, incubation, growth evaluation, and recording.

***TEACH SAFETY**
15 min, 16mm film, optical sd, col 1966
Producer USBM
Title No 003529 *Sale* $58.25

Stresses the importance of the supervisor's responsibility for teaching miners the correct, safe, and efficient methods of performing their jobs.

From the *FOREMANSHIP TRAINING* series.

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TEACHER AND TECHNOLOGY, THE
49 min, 16mm film, optical sd, b&w 1966
Producer USOE
Title No 003632 *Rental* $15.00 Sale $87.50

Traces the beginnings and history of the impact of technology on education and illustrates some of the ways in which technology is being used to meet the dual problem of masses of students and the need for individual instruction. Suggests, throughout, the implications for the role of the students, teachers, and school administrator. The film ends with segments on how the school and the teacher of tomorrow might look based on working prototypes found in programs existent today.

From the *COMMUNICATION THEORY AND THE NEW EDUCATIONAL Media Series.*

***TEACHER TALKS TO ME**
2 min, s8mm cartridge, optical sd, col
Producer USBEH
Title No 003696 *Sale* $26.50

Sold only in a cartridge with auditory training rhythm, auditory training discrimination, and microphone techniques. Presents short insights into home and school education of the profound hearing impaired.

TEACHER-DIRECTED TELEVISION INSTRUCTION
28 min, 16mm film, optical sd, b&w 1968
Producer USOE *Agency No* OE 513
Title No 003633 *Rental* $10.00 Sale $48.75

Demonstrates for university and school faculties how a television facility can free the instructor from some of the restrictions inherent in traditional television presentations, and enable him to control by push buttons the use of the medium to best serve his purposes.

TEACHERS AIDES - A NEW OPPORTUNITY
21 min, 16mm film, optical sd, b&w
Producer USOEO
Title No 734750 *Sale* $31.25

Depicts the training of para-professional teacher's aides for pre-schools.

TEACHING BOX, THE
10 min, 16mm film, optical sd, col 1967
Producer USIA *Agency No* 01-11292
Title No 008865 Sale W/DRAWN
Describes the introduction of closed circuit TV in American Samoa--a revolutionary experiment in education which makes a high standard of education accessible to many widely dispersed people, in this case on six scattered islands.

TEACHING BY GUIDED DISCUSSION
21 min, 16mm film, optical sd, b&w 1957
Producer USAF *Agency No* TF1-5210
Title No 003634 Sale $37.00
Presents an air university academic course instructor conducting a seminar in teaching psychology to demonstrate techniques of teaching by the guided discussion method, and illustrates applicable techniques.

TEACHING CRUTCH WALKING
13 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 422
Title No 003635 *Rental* $7.50 Sale $23.75
Demonstrates how to teach the patient to walk in a walker. Describes the various methods of crutch walking--two-point four-point, and swinging. Tells how to sit, rise, and climb stairs and describes the safety factors involved in crutch walking.
From the *NURSING* series.

TEACHING ENGLISH CONVERSATION
30 min, 16mm film, optical sd, b&w 1962
Producer USIA *Agency No* 01-02519
Title No 004682 *Rental* W/DRAWN Sale W/DRAWN
Presents the hearing and speaking method of teaching English as a foreign language.

TEACHING ENGLISH GRAMMAR
19 min, 16mm film, optical sd, b&w 1959
Producer USIA *Agency No* 01-02456
Title No 004683 *Rental* W/DRAWN Sale W/DRAWN
Shows how the drill method is used in teaching English grammar through structural pattern practice. Gives examples of both simple and complex patterns.

TEACHING ENGLISH PRONUNCIATION
20 min, 16mm film, optical sd, col 1963
Producer USIA
Title No 004684 Sale W/DRAWN
Shows how to demonstrate correct pronunciation, how to direct the student in practicing correct pronunciation, and how to help him recognize and overcome errors.

TEACHING ENGLISH SPEECH
17 min, 16mm film, optical sd, b&w 1964
Producer USIA *Agency No* 01-02593
Title No 004685 *Rental* W/DRAWN Sale W/DRAWN
Emphasizes the aural-oral approach to the teaching of English. Designed for teacher-training.

TEACHING MACHINES AND PROGRAMMED LEARNING
29 min, 16mm film, optical sd, b&w 1960
Producer USOE *Agency No* OE 496
Title No 003636 *Rental* $10.0 Sale $50.25
Presents B F Skinner explaining the theory of programmed learning, Arthur Lumsdaine describing a variety of teaching machines and programmed materials, and Robert Glaser discussing the implication of such machines, and materials for education.

TEACHING MACHINES AND SIDNEY PRESSEY
12 min, 16mm film, optical sd, b&w 1966
Producer USOE
Title No 003637 *Rental* $7.50 Sale $22.25
Relates the story of Sidney Pressey, Emeritus Professor of Psychology at the Ohio State University who presents the historic teaching machine he invented in 1925 as a self-teaching, self-testing device.
From the *COMMUNICATION THEORY AND THE NEW EDUCATIONAL Media Series.*

TEACHING THE MENTALLY RETARDED - A POSITIVE APPROACH
22 min, 16mm film, optical sd, b&w 1967
Producer USNMAC *Agency No* M-1453X
Title No 735300 Sale $43.75
A documentary following the progress made by four profoundly retarded children during a four month training program. The training emphasis is in areas of self-care--toilet training, dressing, eating, and manners, illustrating that even the profoundly retarded can learn rather complex skills. The principles of teaching used with the severely handicapped in an institutional setting may also be applied to the less retarded who may reside in the community.

• **TEAM ANALYSIS AND PLANNING**
17 min, 16mm film, optical sd, b&w
Producer USOE
Title No 004686 Sale W/DRAWN
Depicts an analysis by teachers and auxiliaries of classroom problems.
From the *TEAMS FOR LEARNING* series.

• **TEAMS FOR LEARNING**
27 min, 16mm film, optical sd, b&w 1969
Producer USOE
Title No 004687 Sale W/DRAWN
Assists the teacher or teacher aide teams so that administrators, supervisors, teachers, auxiliaries, parents and students may more effectively meet the student's individual learning needs. Illustrates some of the issues which may arise when persons with different capabilities and backgrounds function as a team.
From the *TEAMS FOR LEARNING* series.

• **TEAMS FOR LEARNING--A SERIES**
101 min, 16mm film, optical sd, b&w 1969
Producer USOE
Title No 004393 Sale W/DRAWN

• **TEAMWORK ON THE NEVADA RANGE**
18 min, 16mm film, optical sd, col 1963
Producer USDA *Agency No* 3692
Title No 004001 Sale $83.00
Tells the story of rural development through the combined efforts of government agencies and Nevada ranchers.

TECHNICAL PROCEDURES FOR DIAGNOSIS AND THERAPY IN CHILDREN
27 min, 16mm film, optical sd, col 1965
Producer USN *Agency No* MN09869A
Title No 003638 Sale $109.50
Gives step by step procedures for femoral venipuncture, internal jugular puncture, lumbar puncture, subdural tap, gastric lavage, scalp venipuncture, and cutdown.
RECOMMENDED FOR PROFESSIONAL GROUPS ONLY.

TECHNIQUE FOR PROPELLING STANDARD WHEELCHAIR BY HEMIPLEGIC PATIENT
5 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No* M-1250
Title No 003639 Sale $18.00
Demonstrates the manner in which a hemiplegic can be taught to use a wheelchair.

TECHNIQUES OF ARMY NEWS PHOTOGRAPHY, THE
27 min, 16mm film, optical sd, b&w 1963
Producer USA *Agency No* TF21-3351
Title No 003640 Sale $47.00
Experts in photojournalism field define and illustrate essentials of superior news photography, covering still and motion picture techniques.

TECHNIQUES OF EXHALED-AIR ARTIFICIAL RESPIRATION
12 min, 16mm film, optical sd, b&w 1959
Producer USAF *Agency No* FTA 458
Title No 003641 Sale $22.25
Shows how to administer mouth-to-mouth artificial respiration.

TECHNIQUES OF LABORATORY DIAGNOSIS OF INFLUENZA
17 min, 16mm film, optical sd, b&w 1960
Producer USNMAC *Agency No* M-0368
Title No 003642 *Sale* $30.50
Explains and demonstrates the step-by-step proceudres used in the laboratory diagnosis of influenza, including the collection of specimens, the isolation of the virus by intra-amniotic inoculation of chick embryos, rough agglutination tests, titration, hemagglutination tests, and the establishment of antibody content.

* **TECHNIQUES OF SPEECH CORRECTION**
8 min, 16mm film, optical sd, col
Producer USBEH
Title No 000354 *Sale* $35.00
The film illustrates a group of primary intermediate and senior classes involved in language development and speech correction.

OTHER FORMAT(S) or VERSION(S)
8 min, s8mm cartridge, optical sd, col
Producer USBEH
Title No 003698 *Sale* $29.50

* **TEDDY**
17 min, 16mm film, optical sd, col 1971
Producer USNIMH
Title No 002204 *Rental* $10.00
Sold only as part of a series. Presents the experiences of a teenage Black, relating his views of the 'system', showing his relationship with the church, school, social relations, drugs, and community self-help programs. Tells of war, revolution, Watts, the Black Panthers, and the police. Concludes with idea of being one's self, not being totally influenced by the group.
From the *SOCIAL SEMINAR* series.

TELETHERAPY AND BRACHYTHERAPY
18 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No 003643 *Sale* $92.50
Shows the diagnostic and therapeutic uses of such radioisotopes as co-60, CS-137, eu-152-154, i-131, and y-90 in teletherapy and brachytherapy by using machines that aim a high-energy beam at a tumor or by using implants of radioactive materials in the form of needles, beads, sterile tubing, or seeds.

TELEVISION, A TEACHING ASSISTANCE, PRESENTING PATTERNS OF INTER-INSTITUTIONAL AND...
28 min, 16mm film, optical sd, b&w
Producer USOE *Agency No* OE 511
Title No 003644 *Rental* $10.00 Sale $48.75
FULL TITLE - TELEVISION, A TEACHING ASSISTANCE, PRE-PATTERNS OF INTER-INSTITUTIONAL AND INTER-RE-COLLEGE TEACHING BY TELEVISION. Documents patterns of inter-institutional and interregional teaching on television in selected areas of the United States, including the educational advantages to both staff and students of cooperative uses of television in college teaching.

TEMPORARY PLASTIC BRIDGES
19 min, 16mm film, optical sd, col 1964
Producer USA *Agency No* PMF 5381
Title No 003645 *Sale* $65.00
Gives a clinical demonstration of the construction of a temporary plastic bridge of four teeth.

TEMPORO-MANDIBULAR JOINT
8 min, 16mm film, optical sd, col 1964
Producer USVA *Agency No* D-82
Title No 003646 *Sale* $38.00
The anatomy and function of the temporo-mandibular joint is demonstrated by means of dissection and artists' illustrations.

TENDER POWER, THE
19 min, 16mm film, optical sd, col 1969
Producer USIA *Agency No* 01-11484
Title No 004688 *Rental* W/DRAWN Sale W/DRAWN
Portrays the lives of three typical American women as they participate in the world of work, and the resultant benefits to themselves, their families, and the nation's economy.

TENNESSEE BRIDGE TEST
19 min, 16mm film, optical sd, col 1970
Producer USFHWA
Title No 003647 *Sale* $78.00
Shows loading tests on three bridges located near Winchester, tennessee. The U.S. Army HET-70 main battle tank transporter, loaded with the m60-a1 track laying combat tank, is the primary test vehicle. A prestressed concrete eye-beam structure, a four-span continuous steel girder bridge and a reinforced concrete t-beam structure are tested.

TENSION TESTING
21 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 348
Title No 739270 *Rental* $7.50 Sale $37.00
Shows how a hydraulic tension testing machine operates, how to prepare the machine and a specimen for a test. Describes how to conduct the test to determine the specimen's elastic limit, yield point, and ultimate strength.
From the *ENGINEERING* series.

* **TENT FLAPS AND FLAPJACKS**
26 min, 16mm film, optical sd, col 1962
Producer USDA *Agency No* 1514
Title No 004002 *Sale* $112.00
Portrays the recreational opportunities in the national forests in the Northcentral States.

TERNARY PHASE DIAGRAM
7 min, 16mm film, optical sd, col 1965
Producer USAEC
Title No 003648 *Sale* $54.25
Depicts the development of a new and rapid technique for preparation of ternary phase diagrams required in the search for useful alloys. Since there are more than 4,000 combinations of three-element alloys which can be made from common metals alone, a comprehensive collection of such diagrams is needed. The technique shown for determining ternary phase alloy diagrams makes it possible to circumvent a previously tedious, time consuming, and costly research procedure.

TERRADYNAMICS
21 min, 16mm film, optical sd, col 1968
Producer USAEC
Title No 003649 *Sale* $74.50
Documents the Earth penetration program at Sandia Laboratories-a program concerned with determining the nature and composition of sub-surface soil using Earth-penetrating, ballistic vehicles. With emphasis on current technology, shows early experimentation, the evolution of the program, the delivery techniques and design of several penetration vehicles, plus a typical recovery operation and post-recovery analysis.

TESTING AND INDIVIDUAL THERAPY FOR THE APHASIC PATIENT
28 min, 16mm film, optical sd, col 1950
Producer USVA
Title No 003650 *Sale* $94.50
Explains the testing and rehabilitation procedures that are used in Veterans Administration hospitals for aphasics of different types. Demonstrates various methods of psychological and personality testing and shows patients undergoing therapy for motor, sensory, and formulation aphasia.

TESTING APOLLO
5 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No* AD 021
Title No 003651 *Sale* $24.75
Illustrates the testing programs for the Saturn and Apollo spacecraft. Shows testing sequences in the vehicle assembly building and on the launch pad.
From the *APOLLO DIGEST* series.

TESTING MASS STANDARDS BY SUBSTITUTION
22 min, 16mm film, optical sd, col 1956
Producer USNBS
Title No. 740246 *Sale* $74.75
Demonstrates a simple method for quickly determining with a high degree of precision the mass of an "unknown" standard by comparison with one of known value, known as "error testing." Designed primarily as a training aid for weights and measures officials, it can also be useful to science classes and laboratory personnel.

TESTIS TUMORS
63 min, 16mm film, optical sd, b&w 1967
Producer USNMAC *Agency No.* T-1973-X
Title No. 003652 *Sale* $131.50
Discusses several approaches to the problem of management of testicular tumors, as presented to the 1967 American Radium Society meeting in Toronto, Canada.

* **THAI - BASIC COURSE, VOL 1**
19 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004123 *Sale* $61.75
Cassettes and accompanying text are both available for $65.50

OTHER FORMAT(S) or VERSION(S)
19 1/4 in. audiotapes, 2-track, monaural
Producer USFSI
Title No. 004124 *Sale* $53.00

* **THAI - BASIC COURSE, VOL 2**
17 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004125 *Sale* $55.25
Cassettes and accompanying text are both available for $59.00

OTHER FORMAT(S) or VERSION(S)
17 1/4 in. audiotapes, 2-track, monaural
Producer USFSI
Title No. 004126 *Sale* $46.75

THAILAND
29 min, 16mm film, optical sd, col 1963
Producer USA *Agency No.* TV 616
Title No. 003653 *Sale* $115.50
Looks at kingdom of Thailand and assistance offered by members of the U.S. Army.
From the *BIG PICTURE* series.
NOT CLEARED FOR TV

THANKS FOR THE DINNER
10 min, 16mm film, optical sd, col 1969
Producer USVA *Agency No.* D-73-ED
Title No. 003654 *Sale* $33.50
Because of continued neglect Frank must have all his teeth extracted. His friend and former classmate, Dr Renolds, convinces Frank that modern facilities and techniques have eliminated any cause for concern. After Frank receives his dentures, Dr Renolds takes him to dinner, helps him overcome his initial anxieties and instructs Frank in the care and use of his prothesis.

* **THAT JOB INTERVIEW**
16 min, 16mm film, optical sd, col 1971
Producer USDL *Agency No.* 11058
Title No. 740897 *Rental* $10.00 Sale $68.00
Provides instruction for military personnel in the four services on how to conduct themselves during civilian job interviews.

* **THAT THE BEST WILL BE OURS**
18 min, 16mm film, optical sd, col 1970
Producer USDA *Agency No.* 7212
Title No. 003792 *Sale* $89.00
Covers the exacting handling, processing, and labeling requirements that meat and poultry packers must heed in preparing their products, and the inspection controls used to help insure that the requirements are met. Equally important, it shows the shopping, handling, storage, and preparation steps that consumers can take from the foodstore to the home table, to get the best buys and to insure that these foods stay as safe and wholesome as they were when they left the packing plant.

* **THAT THE LAST BE THE BEST**
28 min, 16mm film, optical sd, col 1971
Producer USSRS
Title No. 002205 *Sale* $115.50
Reports on initiatives of the Conference on Aging and shows film clips of President Nixon as he addresses the final session on December 2, 1971.

THEODORE ROOSEVELT, AMERICAN
27 min, 16mm film, optical sd, b&w 1958
Producer USDOD *Agency No.* AFSM 555
Title No. 741430 *Sale* $47.00
Reviews the life and achievements of Theodore Roosevelt from childhood to his death. Consists principally of drawings, cartoons, and all photographs.

THEORY OF BLOOD COAGULATION, THE
26 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No.* T-1698
Title No. 004689 *Sale:* W/DRAWN
Explains the basic mechanism of blood coagulation, presents brief background and resume of recent experimental work being done in field, and lays ground work for series which follow. Mention is made of pathogenesis of hemmorrhagic and thrombo-embolic disease. (Kinescope)

THEORY OF HELICOPTER FLIGHT, THE
22 min, 16mm film, optical sd, col 1969
Producer USN *Agency No.* MN10650
Title No. 003655 *Sale* $89.75
Describes how the helicopter obtains lift, direction stability and control. Shows the use of the helicopter in war and peace.

THEORY OF THE LEAD-ACID STORAGE BATTERY
25 min, 16mm film, optical sd, b&w 1959
Producer USN *Agency No.* MN08592
Title No. 741750 *Sale* $43.75
Shows in detail, by use of animation, how chemical energy is converted into electrical energy to produce electromotive force.

THERAPEUTIC EXERCISE--INTRODUCTION
17 min, 16mm film, optical sd, b&w 1950
Producer USA *Agency No.* PMF 5034
Title No. 006414 *Sale* $30.50
An Army surgeon talks to his staff about pertinent problems in the use of therapeutic exercise--nature of the injury, stage of health of the patient, precautions to be observed - and illustrates appropriate exercises to be used with patients with nerve, spinal cord, brain, chest, etc. injuries.
RECOMMENDED FOR PROFESSIONAL GROUPS ONLY.

THERAPEUTIC EXERCISE--ORTHOPEDICS
28 min, 16mm film, optical sd, b&w 1950
Producer USA *Agency No.* PMF-5051
Title No. 003657 *Sale* $48.75
Demonstrates therapeutic exercises suitable in the management of orthopedic cases.

THERAPEUTIC USES OF HEAT AND COLD, PT 1, ADMINISTERING HOT APPLICATIONS
21 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 408
Title No. 003658 *Rental* $7.50 Sale $37.00
Shows body reactions to heat and the use of heat in the alleviation of pain. Tells how to apply hot water bottles, electric pads, chemical pads, and paraffin bath. Describes the uses of hot soak, compresses, infra-red lamp, and shortwave diathermy.
From the *NURSING* series.

THERAPEUTIC USES OF HEAT AND COLD, PT 2, ADMINISTERING COLD APPLICATIONS
22 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 409
Title No. 003659 *Rental* $7.50 Sale $38.50
Shows body responses to cold, therapeutic uses of cold, how

* INDICATES NEW ENTRY

to administer contrast baths and ice bags, how to apply ice packs as anesthesia, and how to use refrigerating blankets and cold chamber.
From the *NURSING* series.

THERAPY IN PANCREATIC INFLAMMATION
36 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No.* T-1965
Title No. 003660 *Sale* $74.50
Relates to the pathogenesis of acute pancreatitis to secretory mechanisms, and the construction of a unified concept of the etiology of inflammation within the pancreas. Evidence is accumulated from anatomic studies, manometric determinations of the intracholedochal and intrapancreatic ductal secretory pressures, physiologic investigations in experimental pancreatitis, and analyses of the clinical correlations observed in human pancreatitis. (Kinescope)

*THERE COMES A TOMORROW
27 min, 16mm film, optical sd, col 1958
Producer USDA *Agency No.* 1314
Title No. 004003 *Sale* $122.00
Demonstrates the need of stimulating communitywide concern for effective forest-fire prevention measures. A part-time farmer learns 'the hard way' about the need for precaution in burning debris. His neighbors leave their own work to fight a forest fire started by his carelessness. Before the fire is controlled, it causes considerable damage to property, timber, and land. Some of the people in this forest community accept the responsibility of working together to control local forest fires.

THERE IS A WAY (REV ED)
27 min, 16mm film, optical sd, col 1967
Producer USAF *Agency No.* SFP 1767
Title No. 741840 *Sale* $91.25
Portrays life of F-105 pilots who daily fight the air war in Southeast Asia. Pictures their hazardous missions against determined enemy fore in the North, while pilots and crews tell about the job they are doing and why.
CLEARED FOR TV.

*THERE MUST BE A CATCH
12 min, 16mm film, optical sd, col 1968
Producer USDL
Title No. 002206 *Rental* $10.00 Sale $50.50
Portrays a young man newly motivated by the employment service being screened out by the narrow, unrealistic hiring policy of a personnel office. The silent anguish of the jobseeker is juxtaposed with the frustration of an employer who can't find competent help.
From the *CAREER JOB OPPORTUNITY FILM* series.
CLEARED FOR TV.

THERE WAS A NEED
30 min, 16mm film, optical sd, b&w 1966
Producer USIA *Agency No.* 01-01049
Title No. 004394 *Rental:* W/DRAWN Sale: W/DRAWN
Shows how industrial, labor union and community service personnel of Concord, Massachusetts, co-operate to achieve economic stability and prosperity.
From the *REPORT FROM AMERICA* series.

THEY'RE OUT TO GET YOU
13 min, 16mm film, optical sd, col 1969
Producer USSBA
Title No. 743125 *Rental* $10.00 Sale $43.75
Shows how shoplifters operate and, indirectly, points out preventive measures small businessmen can take to limit shoplifting in their stores.

*THINK LIKE A MOUNTAIN
28 min, 16mm film, optical sd, col 1972
Producer USDA *Agency No.* 6646
Title No. 005294 *Sale* $142.00
Deals with rare and endangered species of wildlife and the Forest Service's concern with protecting them. Mountain men, cowboys, wolf trappers, and a hermit on the desert recall the changes they have witnessed in the land and its wildlife, the former abundance of species now considered endangered.

THIRD CHALLENGE, THE
45 min, 16mm film, optical sd, col 1963
Producer USDOD *Agency No.* AFIF 0123
Title No. 003661 *Sale* $153.00
Illustrates how revolutions, insurgency, subversion constitute the unconventional warfare of the third challenge which the U S must fight in the far-flung reaches of the globe.

THIRD GRADE SCIENCE
11 min, 16mm film, optical sd, b&w 1966
Producer USOE *Agency No.* OE 507
Title No. 003662 *Rental* $5.00 Sale $19.25
One of a series designed to stimulate teacher discussion of the various uses of programmed instruction in teaching third grade science.
From the *PROGRAMMED INSTRUCTION - THE TEACHER'S ROLE Series.*

THIRD GRADE SCIENCE (SPANISH)
11 min, 16mm film, optical sd, b&w 1966
Producer USOE *Agency No.* OE 507
Title No. 003663 *Rental* $5.00 Sale $19.25
One of a series designed to stimulate teacher discussion of the various uses of programmed instruction in teaching third grade science.
From the *PROGRAMMED INSTRUCTION - THE TEACHER'S ROLE Series.*

*THIRTY DAYS BENEATH THE SEA
15 min, 16mm film, optical sd, col 1971
Producer USN *Agency No.* MN-10407B
Title No. 002207 *Sale* $60.00
Shows the drifting voyage of the Ben Franklin submersible under the Gulf Stream and how the new knowledge is derived from the cruise to the addition of the understanding of the oceans.

THIRTY-SECOND INFANTRY DIVISION
18 min, 16mm film, optical sd, b&w 1954
Producer USA *Agency No.* CMF130-7930
Title No. 003664 *Sale* $32.00
Traces the history of the U S Army's 32nd Infantry Division through the Civil War, Spanish-American War, Mexican Border-Campaign - World War I and World War II. Highlights its action at Buna, Saidor, Anitape, Leyte, Luzon, and in the occupation in Japan.

THIRTY-SIXTH INFANTRY DIVISION
21 min, 16mm film, optical sd, b&w 1953
Producer USA *Agency No.* CMF130-7931
Title No. 003665 *Sale* $37.00
Historical record of the 36th Infantry Division during World Wars I and II, particularly its part in the battles at Salerno, San Pietro, Cassino, Anzio, and in Germany.

THIS IS FAA
5 min, 16mm film, optical sd, col 1967
Producer USFAA *Agency No.* FA-0708
Title No. 004395 *Sale:* W/DRAWN
Summarizes the missions and varied activities of the Federal Aviation Administration.

*THIS IS LIVESTOCK POOLING
5 min, 16mm film, optical sd, col 1964
Producer USDA *Agency No.* 4156
Title No. 004004 *Sale* $24.50
Shows the selling of livestock through auction marketing pooling. Advantages of marketing livestock by this method are explained.

*THIS IS OSHA
27 min, 16mm film, optical sd, col 1973
Producer USDL
Title No. 003097 *Sale* $107.75
Presents a factual report of progress in the Occupational

Safety and Health Administration's first two years and provides an overview of its functions standards-setting, inspections, training and education, state programs and voluntary compliance

THIS IS VORTAC

15 min, 16mm film, optical sd, b&w 1959

Producer USFAA *Agency No* FA-0104

Title No 003666 *Sale* $27.00

Explains the combination VOR and TACAN navigational systems

*** THIS IS YOUR FOREST**

10 min, 16mm film, optical sd, col 1955

Producer USDA *Agency No* 1227

Title No 004005 *Sale* $43.00

Tells a simple story of a ranger explaining what his district is 'for' to two Boy Scouts. Scenes of all national forest activities. Filmed in the Northern Lake States

*** THIS LAND OF MINE**

27 min, 16mm film, optical sd, col 1967

Producer USIA *Agency No* 46-11469

Title No 004690 *Rental* W/DRAWN Sale W/DRAWN

Pictures work being done in West Pakistan to increase food production. Features the salinity control and reclamation project, known as Scarp 1, which is a cooperative effort of U S aid, Pakistan Water and Power Authority, and other Pakistan government agencies

THORIUM - U233 UTILIZATION

13 min, 16mm film, optical sd, col 1964

Producer USAEC

Title No 003667 *Sale* $55.50

Gives a technical discussion on the use of ThoriumU-233 as fertile material in commercial fabrication of ceramic urania-thoria. Previews technical developments in fuel and reactor concepts, such as the molten salt experiment, and the preparation of the first Uranium 233 enriched thorium fuel by the sol-gel process

THOSE WHO STAY BEHIND

16 min, 16mm film, optical sd, col 1969

Producer USSRS

Title No 003668 *Sale* $66.00

Shows the problems of the isolated and disadvantaged rural family and emphasizes those problems which face a family having an afflicted child

THOUGH THE EARTH BE MOVED, THE ALASKAN EARTHQUAKE

45 min, 16mm film, optical sd, b&w 1965

Producer USOCD *Agency No* DODCD20-238

Title No 003671 *Sale* $76.50

Shows the Good Friday earthquake of 1964 that struck Alaska with a force equal to 10 million atomic bombs of the size that leveled Hiroshima

CLEARED FOR TV

THOUSAND-MILE MIRACLE

23 min, 16mm film, optical sd, col 1965

Producer USAE

Title No 003669 *Sale* $147.00

Sounds and scenes along the Gulf Intracoastal Waterway, the viewer meets, a towboat crew, a corps of engineers' survey boat, commerical fishermen, a refueling crew, and many others whose lives and fortunes are related to this miracle of water transport. The role of the corps of engineers for construction and maintenance of the waterways is also a part of this story which ends dramatically with a night-time storm and the calm of a new day

THREADING TAPS AND DIES, PART VII

15 min, 16mm film, optical sd, b&w 1954

Producer USN *Agency No* MN 07831G

Title No 745850 *Sale* $27.00

Shows sequences and close-ups of the operations involved in tapping and threading as the worker views them in performance of the task. Explains the uses of taper, plug and bottoming taps, and shows die adjustments for obtaining the desired fit of threads to tapped holes

THREE CHEERS ON A JUNE DAY

14 min, 16mm film, optical sd, col 1968

Producer USN *Agency No* MN10670

Title No 003670 *Sale* $58.25

Shows June Week and graduation at the Naval Academy at Annapolis, Maryland

*** THREE SQUARES, THE**

14 min, 16mm film, optical sd, col 1956

Producer USDA *Agency No* 1308

Title No 001915 *Sale* $61.00

Tells how canning started, how it grew, what it means to us, and what it can mean for future generations (in live action and animation.) Assures our 'three squares' daily and learns the art of preserving all kinds of foods

THREE TIMES THREE

14 min, 16mm film, optical sd, col 1969

Producer USSBA

Title No 747425 *Rental* $10.00 Sale $47.00

Illustrates nine important keys to small business success--personal ability of the owner, use of outside assistance and information, understanding of insurance, regulations, taxes, business opportunity, knowing sources of capital, maintenance and use of business records, understanding financial factors, effective organization and planning, and using good management techniques

THREE-PHASE MOTOR, PT 1, PREPARING TO REWIND

17 min, 16mm film, optical sd, b&w 1945

Producer USOF *Agency No* OE 395

Title No 747550 *Rental* $7.50 Sale $30.50

Shows how to interpret and record nameplate data of a three-phase motor, identify the line and finish leads. Remove coils and determine coil span, use a coil winding machine, and end-tape machine wound coils

From the *ELECTRICAL WORK* series. Motor Maintenance And Repair, No. 4

THREE-PHASE MOTOR, PT 2, REWINDING

17 min, 16mm film, optical sd, b&w 1945

Producer USOE *Agency No* OE 396

Title No 747551 *Rental* $7.50 Sale $30.50

Shows how to insert mush coils and separators, fold, trim, and wedge slot insulation around windings, insert phase insulation and make a delta connection

From the *ELECTRICAL WORK* series. Motor Maintenance And Repair, No. 5

THREE-WIRE SERVICE ENTRANCE

24 min, 16mm film, optical sd, b&w 1945

Producer USOE *Agency No* OE 374

Title No 747460 *Rental* $10.00 Sale $42.25

Describes how to mount and connect an outdoor meter connection box and a service control box, ground a three-wire service entrance installation and install a concentric service entrance cable

THRESHOLD

27 min, 16mm film, optical sd, col 1969

Producer USDHEW

Title No 747698 *Sale* $111.75

Illustrates the relationship between research and medical care. Shows the broad scope of modern research-based anesthesiology--surgery, respiratory and intensive care units for the critically ill, and the diagnosis and treatment of persistent pain. Physician-scientists talk frankly about themselves and their research careers

THRUFEED GRINDING A STRAIGHT PIN, PT 1

29 min, 16mm film, optical sd, b&w 1944

Producer USOE *Agency No* OE 085

Title No 747750 *Rental* $10.00 Sale $50.25

Explains the principle of centerless grinding and describes the basic elements of the centerless grinding machine. Shows how to set up the machine and true the grinding and regulating wheels

From the *MACHINE SHOP WORK* series. Operations on the Centerless Grinding Machine, No. 1

THRUFEED GRINDING A STRAIGHT PIN, PT 2
28 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 086
Title No 747751 *Rental* $10.00 Sale $48.75
Shows how to balance the grinding wheel, position work for grinding, adjust work guides, take a trial grind, eliminate taper in the grinding wheel, use a crown cam to dress the grinding wheel and check the workpieces.
From the *MACHINE SHOP WORK* series. Operations on the Centerless Grinding Machine. No. 2

✲ **THUNDERBOLT**
43 min, 16mm film, optical sd, col 1946
Producer USAF *Agency No* SFP-182
Title No 002208 *Sale* $200.00
Tells the story of the members of the 57th Fighter Group participate in 'Operation Strangle' in Italy in 1944 while flying the P-47 thunderbolt Fighter-bomber from bases in Corsica. This important operation denied the German troops in the south the badly needed supplies which had been arriving by rail, water and highway.

THYRATRON SAWTOOTH GENERATOR
25 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-816
Title No 003672 *Sale* $52.50
Shows an electron beam moving across the face of an oscilloscope, and points out that the thyratron sawtooth generator produces the waveshapes required to move the electron beam. Gives a detailed analysis of the circuit operation and constructs a time-amplitude graph of the sawtooth waves, explaining its physical and electrical length. (Kinescope)

THYROID AREA, THE
6 min, 16mm film, optical sd, col 1969
Producer USVA *Agency No* D-71A
Title No 003673 *Sale* $22.25
Previous dissection of the anterior neck demonstrated the infra-hyoid musculature. This film demonstrates dissection of deeper structures of the thyroid area. Practical surgical applications are noted. The entire pretracheal area is reviewed diagrammatically.

TICKET THROUGH THE SOUND BARRIER
28 min, 16mm film, optical sd, b&w 1967
Producer USNASA *Agency No* HQK-SR 10
Title No 003674 *Sale* $55.75
Explores the supersonic transport development progress. The viewer is taken on a personal inspection trip of various configuration and gets to examine each. Also included is a 'ride' in a simulated sst.

TICKS AND TICK-BORNE DISEASE
19 min, 16mm film, optical sd, col 1960
Producer USNMAC *Agency No* M-0346
Title No 003675 *Sale* $65.00
Discusses ticks and their importance in transmitting diseases, the biology of ticks, and how to control them.

TICKS AND TICK-BORNE DISEASES (SPANISH)
10 min, 16mm film, optical sd, col 1960
Producer USNMAC *Agency No* M-0346-SP
Title No 003676 *Sale* $65.00
Discusses ticks and their importance in transmitting diseases, the biology of ticks, and how to control them.

TIDAL POWER
22 min, 16mm film, optical sd, col 1959
Producer USAE
Title No 003677 *Sale* $150.00
Records the study made by the United States and Canada of the economic feasibility of harnessing tidal power for electrical energy in the areas around Passamaquoddy and Cobscook bays in Maine and New Brunswick. Includes a tour of project sites with an explanation of the comprehensive plan for the huge project.

TIME
57 min, 16mm film, optical sd, b&w 1946
Producer USN *Agency No* MN00083E
Title No 003678 *Sale* $98.75
Explains the division of the globe into time zones-apparent, side-real, and mean time use of the chronometer and three means of computation of time and its reckoning.

TIME AND TIDE
24 min, 16mm film, optical sd, col 1964
Producer USAF *Agency No* SFP 1362
Title No 749340 *Rental* $12.50 Sale $81.50
Barney Anderson learns a tragic lesson from the misuse of time. He postpones overdue repair job on a wagon in which his son is fatally injured. In the wake of his sorrow, Barney realizes that putting off till tomorrow can bring disaster.
CLEARED FOR TV.

TIME BOMB IN THE RIVER
24 min, 16mm film, optical sd, col 1963
Producer USAE
Title No 003679 *Sale* $87.00
Documents the search, recovery, and salvage of four huge tanks of dangerous liquid chlorine from the Mississippi River near Natchez, Mississippi. The picture covers the emergency planning of the federal agencies, the states, local governments and the Red Cross to protect the health and welfare of 80 thousand residents in a radius of 30 miles of the sunken barge.

TIME LAPSE STUDY OF ANTARCTIC ICE FLOES AND TIDAL CURRENTS
26 min, 16mm film, optical sd, col 1964
Producer USN *Agency No* MN10152
Title No 003680 *Sale* $88.00
Presents a year-long record taken at Wildes Station of the movements of ice floes in and out of Newcomb Bay. Demonstrates that ice floe movements follow the same pattern as the currents, irrespective of wind speed and direction. Also shows many cloud formations and the changes they undergo with time, as well as the progressive freezing and thawing of the ice in the bay.

TINNING AND SOLDER WIPING
26 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 343
Title No 750745 *Sale* $53.50
Shows how to clean copper tubing for tinning, apply flux to copper, tin copper tubing by hand and by dipping, and how copper reacts to heat when being dipped. And solder wiped.
From the *SHIPBUILDING SKILLS* series. Coppersmithing No. 4

✲ **TIROS EXPERIMENTAL WEATHER SATELLITE**
14 min, 16mm film, optical sd, col 1960
Producer USNASA *Agency No* HQA-25
Title No 002626 *Sale* $50.00
Depicts the preparation and launch of the rocket vehicle and payload of Tiros I.

✲ **TO FIND ANSWERS**
29 min, 16mm film, optical sd, col
Producer USSRS
Title No 751511 *Rental* $12.50 Sale $175.00
Miss Mary Switzer, Administrator of the Social and Rehabilitation Services, and Dr Howard Rusk, Director of the Institute of rehabilitation medicine at the new New York University Medical Center, discuss research for the handicapped. Demonstrates several devices to illustrates how science is improving life for the disabled.
From the *TO LIVE AGAIN* series.

TO HEAR AGAIN
37 min, 16mm film, optical sd, b&w 1950
Producer USA *Agency No* PMF 5052
Title No 003681 *Sale* $63.50
Explains and shows examples of the U S Army's aurual rehabilitation program-testing, treatment, and social rehabilitation. Shows use of hearing aids and lip reading, and stories of several patients. Primarily for patient orientation.

TO LIVE IN DARKNESS
13 min, 16mm film, optical sd, b&w 1947
Producer USN *Agency No* MN01921F
Title No 001916 *Sale* $28.50
Dramatized incidents show three plant workers who lost their sight through carelessness.

TO OPEN A DOOR
30 min, 16mm film, optical sd, col 1968
Producer USNMAC *Agency No* MIS 836
Title No 003682 *Sale* $52.00
Documents an actual polio campaign in a large eastern city. Shows the problem it faced of gaining the attention and response from the 'submerged one-third' of the population. Records the fears, doubts, and hostilities which could have stood between the program and success, and presents the means of overcoming these.

TO SAVE A LIFE
13 min, 16mm film, optical sd, col 1961
Producer USFAA *Agency No* FA-0129
Title No 004691 *Sale* W/DRAWN
Depicts emergency life-saving techniques for VFR pilots who accidentally stray into IFR weather.

***TO SEEK, TO TEACH, TO HEAL**
29 min, 16mm film, optical sd, col
Producer USNIH
Title No 751875 *Sale* $148.50
Through dramatizion about a young boy's fight for life brings into sharp focus the way in which the nation's network of medical centers, medical research institutions and medical schools can mobilize and bring into life-saving use man's newest knowledge. Tells how with the support of the national institutes of health, these institutions teach and train new physicians and research scientists, seek new medical knowledge, and bring better health to the people of the nation.
CLEARED FOR TV.

TO SPEAK WITH FRIENDS
29 min, 16mm film, optical sd, b&w 1960
Producer USOE *Agency No* OE 506
Title No 751900 *Rental* $10.00 Sale $50.25
Illustrates instructional practices in elementary and secondary schools using language laboratories, television, motion pictures, recordings, slides, and other special audio-visual facilities to help students in understanding and speaking foreign languages.

***TOBACCO**
5 min, 16mm film, optical sd, col 1971
Producer USNIMH
Title No 002210 *Rental* $7.50 Sale $22.50
Discusses the quantity sold in the United States and its connections with respiratory damage.
From the *SINGLE CONCEPT DRUG FILM* series.

***TODAY AND TOMORROW**
28 min, 16mm film, optical sd, col 1973
Producer USVA
Title No 002211 *Sale* $115.50
Shows VA youth volunteers in both career explorations and indirect patients service assignments. It is anticipated helpful to recruiting high school students and to illustrate a wide range of hospital assignments in which youth volunteers can both learn and serve.

TODAY FOR TOMORROW
15 min, 16mm film, optical sd, col 1969
Producer USFAA *Agency No* FA-0907
Title No 003683 *Sale* $51.75
Shows FAA's research and development center in Atlantic City, N J (called the National Aviation Facilities Experimental Center or NAFEC). There are between 150 and 200 projects going on at one time, at the center, exploring such facets of civil flight as air traffic control, new aircraft, airport runways and lighting systems, wake turbulence, structural stress, and all weather landing capability.

***TOM**
19 min, 16mm film, optical sd, col 1971
Producer USNIMH
Title No 002212 *Rental* $10.00
Sold only as part of a series. Presents Tom, a 26 year old who has 'dropped out' and has 'dropped' everything - LSD, mescaline, psilocybin and some things familiar only to obscure chemists in Berkeley. Poses the questions of--what does the frequent use of psychedelics have to offer him? What are his feelings about alternative routes to heightened awareness? Does he regard his use of drugs as a transition - and, if so, to what? Tom wants to be left alone, but does he need help?
From the *SOCIAL SEMINAR* series and the Professional Drug Films Series.

TOM SCHULER, COBBLER STATESMAN
28 min, 16mm film, optical sd, col 1954
Producer USIA *Agency No* 01-02796
Title No 004692 *Rental* W/DRAWN Sale W/DRAWN
Demonstrates with animation the weaknesses of the Articles of Confederation as a colonial shoemaker travels across several state lines to buy leather. Later he helps to get the Constitution ratified.

TOMORROW WILL NOT WAIT - AIR, WATER AND LAND CONSERVATION
13 min, 16mm film, optical sd, col 1970
Producer USAF *Agency No* SFP 2003
Title No 003684 *Sale* $54.50
Indicts us for befouling our air, water and soil, and shows attempts by the Air Force to do something to stop pollution where possible.
CLEARED FOR TV.

TOMORROW'S POWER - TODAY
6 min, 16mm film, optical sd, col 1964
Producer USAEC
Title No 003685 *Sale* $26.50
Depicts a non-technical film on the principles of atomic power production, explaining why the energy of the atom is used to supplement conventional fossil fuels. Uses animation to demonstrate how nuclear fission creates heat and how that heat is converted into electrical power. Compares the energy released by the uranium atom to that released by coal, gas, and gives the kilowatts produced by representative atomic power plants in the United States.

***TOPSOIL**
10 min, 16mm film, optical sd, b&w 1948
Producer USDA *Agency No* 1019
Title No 753600 *Sale* $24.00
Explains the dependence of rural people upon soil. Shows the characteristics and importance of topsoil, how centuries are required to make it and how it can be destroyed in minutes.

TORONADO
15 min, 16mm film, optical sd, col 1956
Producer USESSA
Title No 003686 *Sale* $51.75
Tells the story of a typical midwestern city that lies in the path of a destructive tornado. Includes scenes of a tornado in action and describes protective preparations. Shows weather conditions which generate tornadoes as well as ESSA-weather bureau methods of charting conditions and issuing warnings to the public.
CLEARED FOR TV.

TOTAL BODY MEASUREMENT OF NATURAL AND ACQUIRED RADIOACTIVY IN MAN
11 min, 16mm film, optical sd, col 1961
Producer USA *Agency No* PMF 5336
Title No 003687 *Sale* $37.25
Depicts the new methods and facilities devised at Walter Reed Army Medical Center to study the effects of the nuclear program on man. Describes the features, and use of the 'human counter,' 'iron room,' and 'medical fluoroscopy stand' to measure type and degree of radioactivity in man.

***TOTEM POLES**

11 min, 16mm film, optical sd, col 1949
Producer USDA *Agency No.* 1041
Title No. 749050 *Sale* $49.00

Shows the timber resources of the Tongass National Forest in southeast Alaska and explains the meaning of the totem poles of the Indians.

***TOWARD A MORE COMMON LANGUAGE**

27 min, 16mm film, optical sd, col 1973
Producer USOE
Title No. 001429 *Rental* $12.50 Sale $107.75

Presents a general overview of State Education agencies, their growth, responsibilities, relationships to other state agencies, organization, functions, and problems, and the State Education Agency, Handbook VII. The development, content, and uses of Handbook VII are presented to motivate implementation of the Handbook as an aid to enhance the work of State Education agencies.

***TOWARD FULL INTEGRATION**

29 min, 16mm film, optical sd, col 1970
Producer USN *Agency No.* MN10779
Title No. 754645 *Sale* $117.25

Provides insights into the obstacles faced by minorities and ways a supervisor can encourage and assist in moving minorities into more responsible positions.

TOWARD THE UNEXPLORED

26 min, 16mm film, optical sd, col 1967
Producer USAF *Agency No.* SFP 1385
Title No. 003688 *Sale* $88.00

Traces the history of Muroc Dry Lake, Edwards AFB, California as an air proving ground and research center since the early days of aviation. Documents experiments in rocketry and with X-series, V-stol and fixed wing aircraft. Points out rocket propulsion laboratory's work in missile development. Cites Edwards' prominent position in USAF space age research.

CLEARED FOR TV.

TOWBOATS A'COMIN'

28 min, 16mm film, optical sd, col 1967
Producer USAE
Title No. 003689 *Sale* $109.00

Describes a multi-purpose project for developing the Arkansas River for navigation and depicts tomorrow's linking of Arkansas and eastern Oklahoma to the nation's system of inland waterways. Dramatic construction photography and significant previews of what this development will mean toward unlocking the natural resources of the region including recreation.

TOWER OF LEARNING

20 min, 16mm film, optical sd, col 1961
Producer USIA *Agency No.* 01-02479
Title No. 754780 *Rental* W/DRAWN Sale W/DRAWN

Describes how 18 nationality groups in Pittsburgh, Pennsylvania, worked together to create, at University of Pittsburgh's Tower of Learning, 18 nationality rooms which serve as monuments to the 18 cultures represented and as a symbol of the University's broad program of international cultural and educational exchange. Shows each of the rooms.

TOWER TO THE SKY

28 min, 16mm film, optical sd, col 1966
Producer USCG
Title No. 754790 *Sale* $113.50

Tells the story of the construction of a Coast Guard LORAN station on the primitive western Pacific island of Yap as told by an elder of the island community. Portrays the initial antagonism of the community regarding the construction of the station and its change of attitude by the time the station was completed.

CLEARED FOR TV.

TOWING LIGHTS

7 min, 16mm film, optical sd, col 1948
Producer USN *Agency No.* MN00202E
Title No. 003690 *Sale* $24.50

Gives light specifications for tows. Shows lights for submerged tows, vessels in tow, barges, canal boats, scows, and dump scows in New York Harbor.

TOWN MEETING OF THE WORLD

30 min, 16mm film, optical sd, b&w 1952
Producer USA
Title No. 003691 *Rental* $12.50 Sale $32.50

Defines the General Assembly of the United Nations as a 'town meeting of the world,' and explains its functions, organization, and operations.

TOWN OF THE TIMES

26 min, 16mm film, optical sd, col 1963
Producer USOCD *Agency No.* DODCD20-222
Title No. 003692 *Sale* $88.00

Demonstrates the arguments a town is faced with when civil defense questions come up.

CLEARED FOR TV.

TOWN, THE

13 min, 16mm film, optical sd, b&w 1944
Producer USOWIO
Title No. 003693 *Rental* $7.50 Sale $28.50

Shows life in an American town, Madison, Indiana, and explains the democratic characteristics of the social and civic life of the people.

TOXIGENICITY TEST OF C DIPHTHERIAE

13 min, 16mm film, optical sd, col 1962
Producer USNMAC *Agency No.* M-0569
Title No. 003735 *Sale* $45.25

Explains procedures of the in-vitro test and animal tests for the detection of toxigenic strains of corynebacterium diphtheriae. Shows preparation of materials and interpretation of results of the tests.

***TRACEBACK**

13 min, 16mm film, optical sd, col 1960
Producer USDA *Agency No.* 1507-R
Title No. 004006 *Sale* $62.00

Outlines the basic steps involved in the use of a uniform back-tagging system as a means of identifying and tracing to the herds of origin brucelllosisinfected cattle detected thrugh blood-testing on the way to or at slaughter. Shows advantages of the system of beef producers, including possible use of tracing procedures to detect and eliminate other livestock diseases.

TRACHEAL TRIANGLE, THE

8 min, 16mm film, optical sd, col 1969
Producer USVA *Agency No.* D-50A
Title No. 003736 *Sale* $41.75

The boundaries and major structures of the tracheal triangle, also known as the muscular or interior carotid triangle, are demonstrated in this anterior neck dissection. Drawings are also used for clarification.

TRADITION IN MUSIC, A

28 min, 16mm film, optical sd, col 1969
Producer USN *Agency No.* MN10679
Title No. 003737 *Sale* $113.50

Shows the U S Navy Band during rehearsals and recording sessions, and shows the work involved in keeping the Band in shape.

***TRAFFIC SAFETY ADVANCED DRIVING - THE GREATER ADVENTURE**

26 min, 16mm film, optical sd, col 1969
Producer USAF *Agency No.* TF 6374
Title No. 755820 *Sale* $105.50

Dramatizes the relationship between traffic safety attitudes and society, and points out the individual responsibilities to self and society.

TRAINING AIDS
23 min, 16mm film, optical sd, b&w 1956
Producer USA *Agency No* TF21-2305
Title No 756299 *Sale* $40.50
Describes the types, characteristics, and uses of simple and complex training aids, including chalkboards, filmstrips, slides, transparencies, working models, and motion pictures.

TRAINING AIDS - CLASSROOM UTILIZATION
15 min, 16mm film, optical sd, b&w 1951
Producer USN *Agency No* MN06753B
Title No 756300 *Sale* $27.00
Shows how a good Navy instructor conducts a classroom lesson with the use of training aids.

TRAINING AIDS - SELECTION AND PLANNING
16 min, 16mm film, optical sd, b&w 1951
Producer USN *Agency No* MN06753A
Title No 756320 *Sale* $28.50
Shows how a Navy instructor selects and plans the use of training aids. Tells how pictures, still pictures, charts, models, and mock-ups are fitted into his lesson plans, and how he checks classroom, equipment, and aid prior to use.

TRANSFER FROM BED TO WHEELCHAIR WITH ASSISTANCE
7 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No* M-913
Title No 003739 *Sale* $24.50
Shows a step-by-step procedure of how to transfer the hemiplegic patient from a low bed to a sitting position - then to a standing position and then completing the transfer to a wheelchair with the assistance of an attendant during the different steps.

TRANSFER MOLDING - MOLDING A PART WITH INSERTS
10 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 470
Title No 756650 *Rental* $5.00 Sale $17.50
Explains how transfer molding differs from compression molding. Shows how to mold a part by the transfer method and coordinate steps of the molding cycle.
From the *PLASTICS* series. No. 5

TRANSFERRING FROM WHEELCHAIR TO BED AFFECTED SIDE OF PATIENT NEXT TO BED
6 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No* M-1248
Title No 003740 *Sale* $19.50
Demonstrates technique of transferring patient from a wheelchair to a bed with his affected side next to the bed.

TRANSFERRING FROM WHEELCHAIR TO BED NON-AFFECTED SIDE OF PATIENT NEXT TO BED
5 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No* M-1249
Title No 003741 *Sale* $16.25
Demonstrates technique of transferring patient from a wheelchair to a bed with his non-affected side next to the bed.

TRANSFERRING FROM WHEELCHAIR TO BED WITH MAXIMAL ASSISTANCE
4 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No* M-1262
Title No 003742 *Sale* $14.75
Shows the safest and easiest way to transfer from wheelchair to bed the patient who needs maximal assistance.

TRANSFERRING THE PATIENT WITH ARTHRITIS
9 min, 16mm film, optical sd, col 1968
Producer USNMAC *Agency No* M-2013-X
Title No 003743 *Sale* $35.25
Demonstrates the proper transfer of the patient with arthritis, a technique often neglected but which can contribute much to the comfort of the afflicted person. These fundamental principles may apply to any patient whether on medical or surgical service.

TRANSFORMERS
30 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-207
Title No 003744 *Sale* $62.50
Defines transformer action, step-up and step-down, turns ratio, and coefficient of coupling. Gives examples of determining the step-up or step-down ratio and coefficient of coupling. Describes and illustrates the relationship between the magnitude of voltage and current in a transformer. Shows the symbols of power, audio, RF, and auto-transformers. Demonstrates the procedure for testing a transformer for opens and shorts, and how to identify a step-up or a step-down type transformer. (Kinescope)

TRANSISTOR FM DETECTOR
35 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-622
Title No 003745 *Sale* $72.50
Discusses the characteristics of a symmetrical transistor and reviews phase relationship of voltage and and current in a transformer. Using the vector analysis, explains the operation of the FM detector at the center frequency of the input, at frequencies above the center frequency, and at frequencies below the center frequency. (Kinescope)

TRANSISTOR FM OSCILLATOR
29 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-607
Title No 003746 *Sale* $60.50
Compares the transistor FM oscillator and the reactance tube modulator. Reviews the characteristics of a simple PN junction, before explaining the operation of the circuit, explaining how the depletion region is established and how it can be used as a variable capacitance under a changing reverse bias. Shows how the voltage variable capacitor can be used in conjunction with an oscillator to make up a transistor FM oscillator. Explains the operation of the FM oscillator, emphasizing the fact that a positive input decreases the output frequency and a negative input increases the output frequency. (Kinescope)

TRANSISTOR TETRODES AND FIELD EFFECT TRANSISTORS
14 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-321A
Title No 003747 *Sale* $30.75
Introduces transistor tetrodes and discusses their fundamental characteristics and elements. Introduces the field effect transistor and covers its basic characteristics. (Kinescope)

TRANSISTOR TRIODE CHARACTERISTICS
26 min, 16mm film, optical sd, b&w
Producer USAF *gency No* TVK 30-319
Title No 003748 *Sale* $54.75
Illustrates how to draw load lines from characteristic curves for CE and CB configurations. Defines 'alpha' and 'beta' as they pertain to transistors. Shows how to solve for actual current gain, voltage gain, and power gain for CB configuration, using characteristic curves and load lines. (Kinescope)

TRANSISTOR TRIODES
7 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-309
Title No 003749 *Sale* $38.50
Explains derivation of the word 'transistor', identifies the elements of a PNP and an NPN transistor, by using block diagrams. Discusses a method of remembering P- and N-type materials and the relative size of the transistor element. (Kinescope)

TRANSISTOR TRIODES AND SPECIAL PURPOSE DEVICES - COMMON-COLLECTOR CONFIGURATION
16 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK30-318
Title No 003751 *Sale* $83.00
Provides information designed ton enable the student to identify and state the purpose of various elements in NPN and PNP transistor common collector circuits.

TRANSISTOR TRIODES AND SPECIAL PURPOSE DEVICES - OPERATION
21 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK30-314
Title No 003753 *Sale* $44.50
Illustrates the three configurations of transistor circuits and traces the current flow. Explains the amount of current in each part of a transistor circuit and the effect of an increase in total current in a transistor circuit. (Kinescope)

TRANSISTOR TRIODES AND SPECIAL PURPOSE DEVICES - BIAS I
27 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK30-310
Title No 002719 *Sale* $56.50
Discusses and illustrates forward and reverse bias of a PN junction and requires the student to draw a block diagram with forward bias and one with reverse bias. Shows how an NPN transistor is forward and reverse biased for efficnet operation. (Kinescope)

TRANSISTOR TRIODES AND SPECIAL PURPOSE DEVICES - BIAS II
27 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK30-312
Title No 003750 *Sale* $56.50
Discusses the depletion area at the junctions of a transistor, followed by an explanation of the effect of forward and reverse biasing on the majority and minority carriers in both. (kinescope)

TRANSISTOR TRIODES AND SPECIAL PURPOSE DEVICES - COMMON-BASE CONFIGURATIONS
29 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK30-316
Title No 002929 *Sale* $60.50
Shows and discusses the schematic representation of a common-base transistor circuit, giving the identifying characteristics for a PNP and an NPN type. Explains the purpose of each components.

TRANSISTOR TRIODES AND SPECIAL PURPOSE DEVICES - COMMON-EMITTER CONFIGURATION
40 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK30-317
Title No 006385 *Sale* $82.25
Shows a schematic representation of the common-emitter transistor configuration and explains how an input signal affects the current and voltage in the circuit. Discusses the purpose of each component. (Kinescope)

TRANSISTORIZED HARTLEY OSCILLATOR
40 min, 16mm film, optical sd, b&w 1965
Producer USAF *Agency No* TVK 30-519
Title No 003754 *Sale* $82.25
Discusses the transistorized version of both the series and Shunt Hartley oscillators. Compares the two while emphasizing the following points--circuit identification, purpose of each component, direct current paths, feedback paths and the effects of varying feedback. Also discusses the effect of a buffer amplifier on the oscillator's output. (Kinescope)

TRANSISTORIZED REGULATED POWER SUPPLY
24 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-100
Title No 003755 *Sale* $50.75
Explains the advantages of a regulated supply, how regulation is accomplished using simplified schematics, and the purpose of each control, as well as suggested operating procedure. (Kinescope)

TRANSISTORS - HIGH FREQUENCY OPERATION AMPLIFIERS AND OSCILLATORS
14 min, 16mm film, optical sd, b&w 1959
Producer USN *Agency No* MN08479E
Title No 757150 *Rental* $7.50 Sale $25.50
Describes how transistors operate in high frequency amplifier and in oscillator circuits. Shows the influence of transit effects in the base and explains the effect of collector capacitance and base resistance on hogh frequency performance.

TRANSISTORS - LOW FREQUENCY AMPLIFIERS
14 min, 16mm film, optical sd, b&w 1958
Producer USN *Agency No* MN08479D
Title No 757151 *Rental* $7.50 Sale $27.00
Shows how transistors are used to amplify low frequencies in common base, common emitter, and common collector circuits. Explains transistor functions for a common base amplifier and a common emitter amplifier and refined common emitter amplifier circuits.

TRANSISTORS - MINORITY CARRIERS
10 min, 16mm film, optical sd, b&w 1958
Producer USN *Agency No* MN8479C
Title No 757160 *Rental* $5.00 Sale $17.50
Introduces the principles of minority carriers, shows how they produce a small reverse current under normal conditions, and demonstrates the limitations imposed on transistor behavior by minority carriers when the transistor is heated or loaded.

TRANSISTORS - P-N JUNCTION FUNDAMENTALS
11 min, 16mm film, optical sd, b&w 1957
Producer USN *Agency No* MN08479A
Title No 757153 *Rental* $5.00 Sale $19.25
Explains the theory and mechanisms of semi-conductor diodes and transistor action and discusses the fundamental principles which apply to all transistors and junction rectifiers.

TRANSISTORS - SERVICING TECHNIQUES
17 min, 16mm film, optical sd, b&w 1960
Producer USN *Agency No* MN08479G
Title No 757156 *Rental* $7.50 Sale $30.50
Discusses common types of transistor failures such as opens, short, high leakage current, low gain and problems in localizing them. Demonstrates with overthe-shoulder camera views the techniques which must be used with transistorized equipment.

TRANSISTORS - SWITCHING
14 min, 16mm film, optical sd, b&w 1959
Producer USN *Agency No* MN8479F
Title No 757152 *Rental* $7.50 Sale $25.50
Shows examples of switching circuits in transistorized computers. Explains briefly the concept of digital computation and how transistors are used. Tells simple transistor switch works, with special attention to minority carrier storage in the base, showing how delaying effects of storage are overcome.

TRANSISTORS - TRIODE FUNDAMENTALS
11 min, 16mm film, optical sd, b&w 1957
Producer USN *Agency No* MN08479B
Title No 751154 *Rental* $5.00 Sale $19.25
Shows that junction transistors, or triodes, consist of three sections with two PN junctions separating them, and discusses the fundamentals of this arrangement as an amplifying device.

TRANSISTORS, PT 1, INTRODUCTION
17 min, 16mm film, optical sd, b&w 1961
Producer USA *Agency No* TF11-3046
Title No 003756 *Sale* $40.00
Explains elements and operations of NPN and PNP transistors. Shows application and operation of high, medium, and low powered transistors and describes their capabilities.
RECOMMENDED FOR PROFESSIONAL GROUPS ONLY.

TRANSISTORS, PT 2, SEMICONDUCTORS AND SEMICONDUCTOR DIODES
27 min, 16mm film, optical sd, b&w 1962
Producer USA *Agency No* TF11-3047
Title No 003757 *Sale* $56.50
Illustrates composition and properties of crystal diodes and depicts semiconductor materials used in their manufacture.
RECOMMENDED FOR PROFESSIONAL GROUPS ONLY.

TRANSISTORS, PT 3, NPN TRANSISTORS
23 min, 16mm film, optical sd, b&w 1963
Producer USA *Agency No* TF11-3048
Title No 003758 *Sale* $52.00
Depicts construction, and properties of NPN transistors.

Shows how they function in basic tranisistor circuits and explains how current flow and amplification are achieved.
RECOMMENDED FOR PROFESSIONAL GROUPS ONLY.

TRANSISTORS, PT 4, PNP TRANISITORS
26 min, 16mm film, optical sd, b&w 1962
Producer USA *Agency No.* TF11-3049
Title No. 003759 *Sale* $54.50
Explains the characteristics of PNP transistors and compares their capabilities and functioning to NPN types. Explains flow of current through the circuit.
RECOMMENDED FOR PROFESSIONAL GROUPS ONLY.

TRANSISTORS, PT 5, TRANSISTOR AMPLIFIER AND OSCILLATOR CIRCUITS
30 min, 16mm film, optical sd, b&w 1962
Producer USA *Agency No.* TF11-3050
Title No. 003760 *Sale* $68.75
Explains and illustrates features and operations of class A and B and tuned amplifier circuits and oscillator circuits. Includes the Armstrong and Hartley types.
RECOMMENDED FOR PROFESSIONAL GROUPS ONLY.

TRANSISTORS, PT 6, TRANSISTORS IN PULSE APPLICATIONS
39 min, 16mm film, optical sd, b&w 1963
Producer USA *Agency No.* TF11-3051
Title No. 003761 *Rental* $12.50 Sale $66.75
Describes uses of transistors in pulse applications. Gives characteristics and application of three basic types of waveforms or pulses. Covers square, saw tooth, and spiked pulses. Shows how transistors form various types of multivibrators. Gives features of AND, NAND, and NOR gates. to professional
RECOMMENDED FOR PROFESSIONAL GROUPS ONLY.

TRANSISTORS, PT 7, TROUBLESHOOTING TRANSISTOR CIRCUITS
31 min, 16mm film, optical sd, b&w 1962
Producer USA *Agency No.* TF11-3052
Title No. 003762 *Sale* $64.25
Shows how to check, search, localize and isolate malfunctions. Also covers safety measures.
RECOMMENDED FOR PROFESSIONAL GROUPS ONLY.

TRANSISTORS, PT 8, REPAIRING TRANSISTOR CIRCUITS
28 min, 16mm film, optical sd, b&w 1962
Producer USA *Agency No.* TF11-3053
Title No. 003763 *Sale* $58.50
Presents equipment and techniques for repairing soldered joints, cracks and delaminated conductors. Shows how to test circuits and remove and replace lead and flush-mounted circuit components.
RECOMMENDED FOR PROFESSIONAL GROUPS ONLY.

TRANSMISSION LINES
20 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-613
Title No. 006413 *Sale* $42.50
Discusses the types of transmission lines such as--the open two-wire line, the twin lead line, the twisted pair, flexible coaxial cable, and rigid coaxial cable. Explains the major types of losses occurring in transmission lines--radiation, dielectric and copper, (including skin effect) losses, and the particular loss or losses associated with each type of line. (Kinescope)

TRANSMISSION SECURITY
19 min, 16mm film, optical sd, b&w 1948
Producer USN *Agency No.* MN 2621 D
Title No. 757290 *Sale* $33.75
Cautions radio operators against any action which might reveal a location or aid the enemy in any way. Points out the danger in sneaking out messages, sending unauthorized messages, and cutting in.

TRANSMISSION, DRIVE SHAFT, AND DIFFERENTIAL
14 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 485
Title No. 757260 *Rental* $7.50 Sale $25.50
Tells how to check the transmission gear shift mechanism, drive shaft, and differential. Shows how to test their running condition.
From the *AUTOMOTIVE OPERATION AND MAINTENANCE Series. Preventive Maintenance, No. 9*

TRANSPORT CRASH SAFETY TESTS, PT 1
15 min, 16mm film, optical sd, col 1964
Producer USFAA *Agency No.* FA-0515
Title No. 003764 *Sale* $51.75
Explains the purpose and procedures used in the Phoenix Crash Safety Tests in 1964. Analyzes fuselage And wing break-up, fuel spray patterns, and seat and cargo restraint during a typical crash landing or take-off accident.

TRANSPORT CRASH SAFETY TESTS, PT 2
26 min, 16mm film, optical sd, col 1966
Producer USFAA *Agency No.* FA-0615
Title No. 003765 *Sale* $88.00
Explains the purpose and procedures used in the Phoenix Crash Safety Tests in 1964. Provides crash And impact load data and information related to a full scale crash of a large transport aircraft under conditions normally considered to be survivable.

TRANSPORTATION OF RADIOACTIVE MATERIALS, PT 2, ACCIDENTS
35 min, 16mm film, optical sd, b&w 1965
Producer USAEC
Title No. 004396 *Sale* W/DRAWN
Atomic Energy Commission Safety Engineer Francis L. Brannigan discusses the control of transportation accidents involving radioactive materials. Explains that only a small proportion of shipments of radioactive materials can present any real danger in the event of accident, shows the shipping labels which are used, and explains the regulations relating to individual packages.

TRANSPORTATION OF THE INJURED
14 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No.* M-0802
Title No. 003766 *Sale* $47.00
Teaches the individual how to take care of his medical and health needs in time of disaster when medical assistance might not be readily available.
From the *MEDICAL SELF-HELP* series.
RESTRICTIONS--ORGANIZATIONS WISHING TO PURCHASE THIS FILM MUST FIRST REQUEST WRITTEN PERMISSION FROM THE CHIEF OF TRAINING, DIVISION OF EMERGENCY HEALTH SERVICES, PUBLIC HEALTH SERVICE, U. S. DEPARTMENT OF HEALTH, EDUCATION AND WELFARE, 6525 BELCREST ROAD, WEST HYATTSVILLE, MARYLAND 20782. AFTER PERMISSION HAS BEEN OBTAINED, ATTACH TO THE PURCHASE ORDER A STATEMENT OF APPROVAL AND SEND TO N A C.

TRANSPORTATION OF THE SICK AND WOUNDED
27 min, 16mm film, optical sd, b&w 1964
Producer USA *Agency No.* TF08-3485
Title No. 003767 *Sale* $47.00
Patient evacuation in the field by means of manual carries, animal carries, and military vehicles and aircraft.

TRANSPORTATION, U S A
22 min, 16mm film, optical sd, col 1966
Producer USIA *Agency No.* 01-02659
Title No. 004693 *Rental:* W/DRAWN Sale: W/DRAWN
Visualizes without commentary the air, water, rail and highway transportation systems in the United States. Indicates that modern technology has been able to integrate the systems to expedite movement of people and materials throughout U S states and regions.

TRAPEZOIDAL SWEEP GENERATOR - TSTR
33 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-820
Title No. 003768 *Sale* $68.25
Using a diagram, shows how the transistor trapezoidal sweep generator can be identified. Explains the purpose of the circuit components and develops a step-by-step analysis of the circuit's operation. Shows and explains the effect on the output waveform, to emphasize the responsibility of the two output components. Constructs and discusses input and output waveforms. (Kinescope)

TRAPEZOIDAL SWEEP GENERATOR - VT

39 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-819
Title No. 003769 *Sale* $80.25

Explains a typical radar indicator and television receiver, making specific reference to the type of deflection used in each system. Continues by developing the required waveform necessary for electromagnetic deflection. Shows the circuit used to produce a trapezoidal waveform, explains the purpose of each component, analyzes circuit operation, and develops output waveforms. Shows waveforms with the aid of an oscilloscope. (Kinescope)

TRAPPED (RESCUE WORK)

20 min, 16mm film, optical sd, b&w 1962
Producer USDOD *Agency No.* CD-20-104
Title No. 757720 *Sale* $35.25

Graphically emphasizes the need for trained rescue workers and shows many of the risks as well as the rewards of rescue.

TRAPPING OF FREE RADICALS AT LOW TEMPERATURES

14 min, 16mm film, optical sd, col 1960
Producer USNBS
Title No. 757804 *Sale* $47.00

Gives basic explanation of free radicals and their behavior. Shows one unique experiment at the Bureau of Standards, giving step by step procedure of trapping and storing the elusive, highly reactive molecular fragments designated as free radicals. Research is performed at temperatures within a few degrees of absolute zero. Glows and flashes of brilliant color, emanating from free radicals trapped in a solid matrix of frozen gas, create spectacular passages in the film.

TRAUMATIC AND CHEMICAL ASPHYXIATION, PT 1

28 min, 16mm film, optical sd, b&w 1970
Producer USNMAC *Agency No.* T-1897A
Title No. 003770 *Sale* $57.50

Discusses natural and traumatic causes of asphyxiation, for example--strangulation, suffocation, drowning, inhalation of suffocating gases, pressure on the chest, strangulation due to food swallowing, carbon monoxide poisoning, glue sniffing, and anesthetic gases. (Kinescope)

RECOMMENDED FOR PROFESSIONAL GROUPS ONLY. RESIDENTS, OTHER MEDICAL PROFESSIONAL PERSONNEL, AND RESEARCH AND SOCIAL WORKERS IN THE FIELD OF MEDICINE. CLEARED FOR USE ON EDUCATIONAL CLOSED-CIRCUIT TELEVISION ONLY. PRODUCED BY THE NATIONAL MEDICAL AUDIOVISUAL CENTER IN COOPERATION WITH DR NORMAN ENDE, PROFESSOR OF PATHOLOGY, EMORY UNIVERSITY SCHOOL OF MEDICINE, ATLANTA, GA. DISCUSSED BY DR MILTON HELPERN, CHIEF MEDICAL EXAMINER OF THE CITY OF NEW YORK.

TRAUMATIC AND CHEMICAL ASPHYXIATION, PT 2

28 min, 16mm film, optical sd, b&w 1970
Producer USNMAC *Agency No.* T-1897B
Title No. 003771 *Sale* $56.50

Discusses natural and traumatic causes of asphyxiation, for example--strangulation, suffocation, drowning, inhalation of suffocating gases, pressure on the chest, strangulation due to food swallowing, carbon monoxide poisoning, glue sniffing, and anesthetic gases. (Kinescope)

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TRAVELING WAVE TUBE

24 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-912
Title No. 003773 *Sale* $50.75

Points out some of the uses of the traveling wave tube. Explains purpose of each component and explains the basic operation of the tube as an amplifier. Discusses advantages and limitations of the tube. (Kinescope)

*TREATMENT - NEW TEAMS

10 min, 16mm film, optical sd, col 1971
Producer USNIMH
Title No. 002214

Available only as part of a series. Examines the use of paraprofessionals as a resource for the professional coming in contact with drug and drug-related programs. Illustrates the relationship between them and professionals working with the programs.

From the *PROFESSIONAL DRUG FILMS* series.

RECOMMENDED FOR PROFESSIONAL USE ONLY.

TREATMENT OF CARDIAC ARRHYTHMIAS BY DRUGS AND ELECTRICITY, THE

90 min, 16mm film, optical sd, b&w 1968
Producer USNMAC *Agency No.* T-1876-X
Title No. 003774 *Sale* $187.00

Attempts to clarify current usage of drugs and electrical devices for the control of cardiac arrhythmias. Emphasizes arrhythmias during acute myocardial infarction, application of transvenous pacemaker, indications and complications from cardioversion, and treatment of digitalis-induced arrhythmias.

TREATMENT OF INFRABONY POCKET WITH THREE OSSEOUS WALLS

14 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No.* D-45-PE
Title No. 003775 *Sale* $48.00

Demonstrates the surgical management of an infrabony pocket involving the maxillary premolar. The periodontal ligament and bone marrow are used to provide two sources of repair tissue. The teeth are then immobilized with an aid splint which is made of twisted wire imbedded with plastic in a prepared groove.

*TREATMENT OF THE HEMOPHILIOID DISORDERS

31 min, 16mm film, optical sd, b&w 1969
Producer USNMAC *Agency No.* T-1695
Title No. 004694 *Sale* W/DRAWN

Reviews the three most common hemophilioid disorders and treatment for each--classical hemophilia (factor II deficiency), hemophilia (factor IX deficiency), and Von Willebrand's disease (factor VIII and long bleeding time). Stress is placed on factor VIII fractions and plasma concentrates. (Kinescope)

*TREE GROWS FOR CHRISTMAS, A

11 min, 16mm film, optical sd, col 1949
Producer USDA *Agency No.* 1040
Title No. 758920 *Sale* $51.00

Tells the story of the Christmas tree in history and legend and of the Christmas tree industry today. Illustrates how trees are cut and marketed and how a tree should be handled in the home.

*TREE IS BORN, A

29 min, 16mm film, optical sd, col 1959
Producer USDA *Agency No.* 1293
Title No. 001918 *Sale* $131.00

Shows the techniques Forest Service researchers employ to produce hybrid pines though controlled pollination and through the selection of superior pines and use of their natural seed. Shows a pine cone opening and and tree seeds germinating and growing.

TRIAL BALANCE

27 min, 16mm film, optical sd, col 1965
Producer USNASA *Agency No.* HQ-123
Title No. 002215 *Sale* $117.25

Shows how new knowledge in space science has been gained through analysis of information acquired from spacecraft. Includes satellite studies of the Van-alleN radiation belt, solar winds and solar flares, photographs of Mars, and other space phenomena.

TRIBUTE TO PRESIDENT HERBERT CLARK HOOVER, A, 1874-1964

11 min, 16mm film, optical sd, b&w 1964
Producer USDOD *Agency No.* AFMR 0633
Title No. 760170 *Sale* $23.25
Highlights President Hoover's ability as an organizer and his humanitarian work as a food administrator in World Wars I and II. Cites his contribution to government reorganization as Secretary of Commerce and as an elder statesman and advisor to presidents.

*** TRIESTE TO LAMPEDUSA**

15 min, 16mm film, optical sd, b&w 1950
Producer USECA
Title No. 760204 *Rental* $7.50
Describes a Triestean fishing fleet, made possible through Marshall Aid, sailing from Trieste to the Italian island of Lampedusa in the Mediterranean Sea for the summer fishing season. Produced for European use.

TRIODE LIMITERS

24 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-504
Title No. 003801 *Sale* $50.75
Discusses how limiting is accomplished using a triode tube. Describes the characteristics and operation of the cut-off limiter, the saturation limiter, and the over-driver limiter, and explains the effect on limiting when bias is changed. (Kinescope)

TRIODE VACUUM TUBES - CONSTRUCTION AND CHARACTERISTICS

16 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-407
Title No. 003802 *Sale* $34.25
Presents the theory of operation of the triode amplifier, using electrostatic fields as a means of explaining electron movement when the grid potential ranges from a negative to a positive state. Demonstrates the effect on plate current and voltage when the grid has a small AC signal on it. (Kinescope)

TRIODE THE - AMPLIFICATION

14 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 177
Title No. 760600 *Rental* $7.50 Sale $25.50
Gives principles of the diode and triode, electric fields, a triode amplifier circuit, amplification of DC voltage changes, alternating voltages, distortion, and amplification of audio frequency signals.
From the *ENGINEERING* series. Electronics, No. 3

TRIP STEEL

11 min, 16mm film, optical sd, col 1968
Producer USAEC
Title No. 003803 *Sale* $79.50
TRIP (Transformation-induced-plastic) is a new series of thermo-mechanically treated, highly alloyed steels combining high ductility and high strength, developed from AEC-SUPPORTED basic research in metallurgy at the University of California in Berkley. Tensile ductilities of 25(to 50(at strength levels above 200,000 psi are obtainable. The steels can be produced having wide ranges of composition and properties. Through closeup photography, the film shows the Transformation that occurs in TRIP steel as load is applied to both notched and tensile specimens.

TRIP TO WHERE, A

50 min, 16mm film, optical sd, col 1968
Producer USN *Agency No.* MN10494
Title No. 003804 *Sale* $168.25
Illustrates the harmful effects of the misuse of drugs such as barbiturates, amphetamines, marijuana and LSD.

TROPIC SEACOAST SURVIVAL

23 min, 16mm film, optical sd, col 1961
Producer USAF *Agency No.* TF01-5376
Title No. 761590 *Sale* $78.25
Explains the teaching procedures and techniques to be followed for survival along tropical seacoasts.

TROUBLE SHOOTING PROBLEMS - FUEL INDUCTION

17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 276
Title No. 761655 *Sale* $35.75
Shows how to trouble shoot the fuel system for failure to develop full power, for rough running at idling speed, and for overheating.
From the *AIRCRAFT WORK* series. Power Plant Maintenance

TROUBLE SHOOTING PROBLEMS - IGNITION

19 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 275
Title No. 761660 *Sale* $39.25
Describes how to locate trouble within the ignition system when an engine fails to start, when it runs rough, and when it fails to develop full power.
From the *AIRCRAFT WORK* series. Power Plant Maintenance

TROUBLE SHOOTING PROBLEMS - MECHANICAL AND LUBRICATION

10 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 274
Title No. 761665 *Sale* $21.00
Shows how to check symptoms and locate causes of an airplane engine's running 'rough,' of low oil pressure, and of high oil temperature.
From the *AIRCRAFT WORK* series. Power Plant Maintenance

TROUBLE SHOOTING YOUR CAR

12 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 490
Title No. 761670 *Rental* $7.50 Sale $22.25
Shows what a driver should do to locate and correct minor car troubles and how to recognize symptoms of impending trouble.
From the *AUTOMOTIVE OPERATION AND MAINTENANCE* series. Automobile Operation, No. 5

TRUE STANDARD, A

12 min, 16mm film, optical sd, col 1954
Producer USNBS
Title No. 762538 *Sale* $42.00
Shows the importance of accurate and uniform standards of weights, how the international, as well as the national, standards are translated, step by step, through the complex down to the simplest weighing and measuring activities that take place in trade and industry. Shows how absolute accuracy and uniformity of standards are matters of great economic importance to everyone.

TT-47/UG TELETYPEWRITER - GENERAL PRINCIPLES AND OPERATION

16 min, 16mm film, optical sd, b&w 1953
Producer USN *Agency No.* MN 7467A
Title No. 005296 *Sale* $28.50
Explains how teletypewriters are used in the Navy's communications system and demonstrates for the operators, the basic principles of operation use of the various function keys, and correct procedures for setting messages and securing the machine.

TT-47/UG TELETYPEWRITER - PREVENTIVE MAINTENANCE

6 min, 16mm film, optical sd, b&w 1953
Producer USN *Agency No.* FN 7467C
Title No. 763242 *Sale* $11.00
Explains the importance of frequent checks and stresses THR preventive maintenance technique which should be done by the operator rather than maintenance personnel. Shows cleaning, oiling, and minor adjusting of the machine.

TUBE BENDING BY HAND

15 min, 16mm film, optical sd, b&w 1943
Producer USOE *Agency No.* OE 142
Title No. 763240 *Rental* $7.50 Sale $27.00
Shows why tubes must be bent for installation in airplanes. Tells how to set up the tube bending machine for the job, and how the various parts of the machine function.
From the *AIRCRAFT WORK* series.

TUBE TESTER OPERATION
9 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No* MN 1540P
Title No 763250 *Rental* $5.00 *Sale* $15.75
Tells how to use testers to check cathode emission and dynamic mutual conductance

TUBERCULIN TESTING
10 min, 16mm film, optical sd, col 1959
Producer USN *Agency No* MN 8951
Title No 003805 *Sale* $34.00
Demonstrates the procedures for administering and interpreting the PPD tuberculin test

TUBERCULIN TESTING, PT 1, TUBERCULINS
7 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No* M-1016
Title No 003806 *Sale* $22.75
One of a series. Shows briefly the procedures involved in the preparation of purified protein derivatives and in particular the preparation of PPD-S used in tuberculin testing

TUBERCULIN TESTING, PT 1, TUBERCULINS (SPANISH)
7 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No* M-1016-SP
Title No 003807 *Sale* $22.75
Shows briefly the procedures involved in the preparations of purified protein derivatives and in particular the preparation of PPD-S used in tuberculin testing

TUBERCULIN TESTING, PT 2, ADMINISTRATION TECHNIQUES
6 min, 16mm film, optical sd, col 1965
Producer USNMAC *Agency No* M-1017
Title No 763266 *Sale* $19.50
One of a series. Shows the equipment needed and the techniques required to give the Mantoux tuberculin test

TUBERCULOSIS
10 min, 16mm film, optical sd, col 1945
Producer USIAA *Agency No* 08-10073
Title No 003808 *Rental* $7.50 *Sale* $43.00
Demonstrates, by animation, the characteristics of tuberculosis, its method of entry into the body, and emphasizes protective measures which the family can undertake to prevent this disease
From the *HEALTH FOR THE AMERICAS* series

TUBERCULOSIS--LABORATORY AIDS TO DIAGNOSIS AND TREATMENT
13 min, 16mm film, optical sd, col 1964
Producer USNMAC *Agency No* M-0719
Title No 003809 *Sale* $45.25
Illustrates the most recent development in laboratory procedures that are available to aid to physicians in diagnosing and treating tuberculosis patients. Emphasizes up-to-date rapid culture techniques, direct drug susceptibility testing, and the differentiation of unclassified mycobacteria

TULSA, OKLAHOMA
20 min, 16mm film, optical sd, b&w 1950
Producer USA
Title No 003810 *Rental* $7.50 *Sale* $42.50
Depicts the history of the city of Tulsa, Oklahoma

TUNED BASE OSCILLATOR
30 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-515
Title No 003811 *Sale* $62.50
Compares the tuned base oscillator circuit and the tuned grid oscillator. Points out how each of the four requirements for oscillation is met in the tuned base oscillator. Explains the checks for oscillation and the symptoms which would occur for each component failure. (Kinescope)

TUNED CIRCUITS
28 min, 16mm film, optical sd, b&w 1954
Producer USA *Agency No* TF11-1831
Title No 003812 *Sale* $48.75
Explains the theories behind the electronics of tuned circuits and the application of these theories to a practical radio receiver layout and to a radio transmitter

TUNED PLATE OSCILLATOR
19 min, 16mm film, optical sd, b&w 1965
Producer USAF *Agency No* TVK 30-516
Title No 003813 *Sale* $40.50
Develops and explains the major differences between an RF and an audio oscillator. Shows the purpose of each component in the schematic diagram. Circuit analysis points out the values of circuit components in an RF oscillator, the feedback path, and three methods of checking for oscillations. (Kinescope)

• **TURBAN TUMOR**
6 min, 16mm film, optical sd, col 1965
Producer IDCE
Title No 004695 *Sale* W/DRAWN
Describes the case of a 59-year old woman afflicted with turban tumors and the surgical measures taken to correct the condition

TURBOPROP/TURBOSHAFT ENGINES - INTRODUCTION
13 min, 16mm film, optical sd, col 1959
Producer USN *Agency No* MN08812A
Title No 003814 *Sale* $45.25
Outlines the theory of operation of turboprop and turboshaft engines with comparison to the turbojet engine. Shows testing and assembly of engine components in manufacture and the maintenance and operation of the engines

• **TURKISH - BASIC COURSE, UNITS 1-30**
27 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No 004127 *Sale* $87.75
Cassettes and accompanying text are both available for $93.50

OTHER FORMAT(S) or VERSION(S)
52 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No 004128 *Sale* $144.75
Tape set and accompanying text are both available for $150.50

TURNING A CYLINDER BETWEEN CENTERS
17 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 313
Title No 764700 *Rental* $7.50 *Sale* $30.50
Points out how to choose stock and mount it on a wood lathe for turning between centers. Demonstrates the use of a parting tool and skew chisel. Explains sand turning work.
From the *PRECISION WOOD MACHINING* series. Operations On the Wood Lathe

TURNING A TAPER WITH THE TAILSTOCK SET OVER
17 min, 16mm film, optical sd, b&w 1942
Producer USOE *Agency No* OE 044
Title No 764800 *Rental* $7.50 *Sale* $30.50
Shows how to calculate tailstock offset for cutting tapers, how to offset the tailstock and how to turn a taper with the tail stock set over.
From the *MACHINE SHOP WORK* series. Operations on the Engine Lathe, No. 6

TURNING TAPER WORK
12 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 314
Title No 764825 *Rental* $7.50 *Sale* $22.25
Explains centering cylindrical wood stock for spindle turning. Tells how and when to make clearance cuts. Shows how to establish the diameters of a taper, how to turn a single taper, how to establish diameters for turning two tapers from a single piece of material and how to turn them

TURNING WORK HELD ON A FIXTURE
21 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 058
Title No 764850 *Rental* $7.50 *Sale* $37.00
Shows how to mount an irregularly shaped casting which can't be held in a chuck, mount and center the fixture on a lathe, select and mount tools, and turn, face, bore, counterbore and ream surfaces of a valve bonnet

• INDICATES NEW ENTRY

From the *MACHINE SHOP WORK* series. Operations on the Engine Lathe, No. 10

TURNING WORK HELD ON A FIXTURE (SPANISH)
21 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 058
Title No 004023 *Rental* $7.50 *Sale* $37.00
Shows how to mount an irregularly shaped casting which can't be held in a chuck, mount and center the fixture on a lathe, select and mount tools, and turn, face, bore, counterbore and ream surfaces of a valve bonnet.
From the *MACHINE SHOP WORK* series. Operations on the Engine Lathe, No. 10

TURNING WORK HELD ON A MANDREL
20 min, 16mm film, optical sd, b&w 1943
Producer USOE *Agency No* OE 061
Title No 764900 *Rental* $7.50 *Sale* $35.25
Describes the uses of the mandrel. Shows how to fit a mandrel into the workpiece, how to cut a bevel, using the compound rest, how to calculate speed and feed, and how to set the controls.
From the *MACHINE SHOP WORK* series. Operations on the Engine Lathe, No. 13

TURNING WORK HELD ON A MANDREL (SPANISH)
20 min, 16mm film, optical sd, b&w 1943
Producer USOE *Agency No* OE 061
Title No 004024 *Rental* $7.50 *Sale* $35.25
Describes the uses of the mandrel. Shows how to fit a mandrel into the workpiece, how to cut a bevel, using the compound rest, how to calculate speed and feed, and how to set the controls.
From the *MACHINE SHOP WORK* series. Operations on the Engine Lathe, No. 13

TURNING WORK IN A CHUCK
15 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 316
Title No 765010 *Rental* $7.50 *Sale* $27.00
Explains how to mount work on a face plate, turn one face of the work, make a chuck for the opposite face and remove rechucked work from the chuck.

TURNING WORK OF TWO DIAMETERS
14 min, 16mm film, optical sd, b&w 1941
Producer USOE *Agency No* OE 007
Title No 765100 *Rental* $7.50 *Sale* $25.50
Demonstrates the use of roughing, finishing, facing and radius tools.
From the *MACHINE SHOP WORK* series. Operations on the Engine Lathe, No. 2

TURNING WORK ON A FACE PLATE
15 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 315
Title No 765150 *Rental* $7.50 *Sale* $27.00
Shows the various types of face plates. Explains how to attach the stock to the face plate, how to true up the wood, how to scribe the work for inside turning, how to use the round nose chisel and diamond point chisel and how to smooth the recess bottom.
From the *PRECISION WOOD MACHINING* series. Operations On the Wood Lathe

TURRET LATHE, THE - AN INTRODUCTION
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 212
Title No 765200 *Rental* $7.50 *Sale* $30.50
Shows the function of the head, hexagon turret, square turret and bed, how to determine the sequence of operations, how to take a multiple cut, and how to combine cuts from the hexagon and square turrets.
From the *MACHINE SHOP WORK* series.

● **TWI - BASIC COURSE**
9 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No 004129 *Sale* $29.25
Cassettes and accompanying text are both available for $30.50

OTHER FORMAT(S) or VERSION(S)
23 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No 004130 *Sale* $64.00
Tape set and accompanying text are both available for $65.25.

TWIST DRILLS, PT V
7 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No* MN07831E
Title No 766075 *Sale* $12.50
Explains the size designation of twist drills, their cutting action, and how they are used and sharpened.

● **TWO WORLDS-TWENTY YEARS**
29 min, 16mm film, optical sd, b&w
Producer NATO
Title No 002952 *Rental* $10.00 *Sale* $60.25
Compares two countries of a similar size-Belgium and Czechoslovakia-each having a similar economy and a language problem. Th film shows how the two countries, having been devastated b, war, have feared over the past twenty years. The one, with the initial help of Marshall Aid, has prospered under a free economy, protected by the shield of NATO, while the other, deprived of this help by the USSR and drawn into her orbit, has not. The events leading up the Russian invasion of Czechoslovakia in August 1968 are recalled.

● **TYPHOID CARRIER, THE**
9 min, 16mm film, optical sd, col 1947
Producer USIIAA
Title No 000618 *O/PRINT*
Explains how the typhoid bacillus may be transmitted in milk and water, and by flies and human carriers. Demonstrates how a cook may be unknowingly a carrier of typhoid.

U N COUNTERATTACK
17 min, 16mm film, optical sd, b&w 1951
Producer USDOD *Agency No* CB 111
Title No 767380 *Sale* $30.50
Shows military operations in Korea from may 20 to June 20, 1951.

U N FORCES CONSOLIDATE BELOW 38TH PARALLEL
20 min, 16mm film, optical sd, b&w 1951
Producer USDOD *Agency No* CB 106
Title No 767384 *Sale* $35.25
Shows military operations in Korea from December 20, 1950, to january 20, 1951.

U N FORCES CROSS THE 38TH PARALLEL
19 min, 16mm film, optical sd, b&w 1951
Producer USDOD *Agency No* CB 109
Title No 767386 *Sale* $33.75
Shows military operations in Korea from March 20 to April 20, 1951.

U N FORCES MOVE NORTH
17 min, 16mm film, optical sd, b&w 1951
Producer USDOD *Agency No* CB 107
Title No 767395 *Sale* $30.50
Shows military operations in Korea from January 20 to February 20, 1951.

U N OFFENSIVE CONTINUES
18 min, 16mm film, optical sd, b&w 1951
Producer USDOD *Agency No* CB 108
Title No 767411 *Sale* $32.00
Shows military operations in Korea from February 20 to March 20, 1951.

U S BUREAU OF NARCOTICS AND DANGEROUS DRUGS
30 2x2 slides, silent, col
Producer USBNDD
Title No 003018 *Sale* $10.00
Section E of the Drug Abuse Education and Information Slide Resource Kit.

U S NAVAL OBSERVATORY
18 min, 16mm film, optical sd, col 1973
Producer USN *Agency No* MN10647
Title No 767761 *Sale* $74.25
Shows how astronomers and mathematicians determine time, predict and publish the positions of the Sun, Moon, stars and planets for navigation and scientific purposes in addition to doing fundamental astronomical research.

ULCERATIVE COLITIS
30 min, 16mm film, optical sd, b&w 1966
Producer USNMAC *Agency No* T-1859-X
Title No 003815 *Sale* $61.25
Examines the possible role of autoimmunity as a cause of ulcerative colitis and reviews the use of immunosuppressive agents in its therapy. Presents details of the two main types of therapy—corticosteroids and colectomy, and discusses the concept that physician and surgeon must work as a team to accomplish optimum therapeutic results.

UNDER PRESSURE
31 min, 16mm film, optical sd, b&w 1965
Producer USNMAC *Agency No* MIS-0894
Title No 769600 *Sale* $53.50
Shows the pressures under which members of a large city police department must work. Stresses the importance of handling any situation which may occur during a policeman's daily routine patrol.

UNDER WAY
20 min, 16mm film, optical sd, col 1960
Producer USAEC
Title No 003816 *Sale* $87.50
Traces the design and construction of the first United States nuclear-powered merchant ship, the N S Savannah. Describes the safety features of the ship and the christening and launching.

UNDERGROUND NUCLEAR WEAPONS TESTING
29 min, 16mm film, optical sd, col 1967
Producer USAEC
Title No 003817 *Sale* $117.25
Shows how underground tests of nuclear weapons are planned and conducted at the Nevada test site in a manner designed to contain radioactivity within the ground and to comply with the Limited Test Ban Treaty, while providing the diagnostic information needed. Explains various types of nuclear tests and the use of various test areas and their facilities.

* **UNDERSEA EXPLORER**
14 min, 16mm film, optical sd, col 1971
Producer USN *Agency No* MN-10771
Title No 002217 *Sale* $58.25
Tells about the operating techniques and features common to Navy and commercial submersibles. Shows hazards encountered in submersible operations and safety methods used to avoid them.

UNDERSTANDING THE PHYSICAL WORLD THROUGH MEASUREMENT
33 min, 16mm film, optical sd, col 1957
Producer USNBS
Title No 771848 *Sale* $110.75
Depicts man's struggle to harness and control the various forms of energy in the universe. Lecture begins with prehistoric man, whose only source of energy was his own muscle, then traces the historic development of means for utilizing other energy sources, from the steam engine to uranium fission. Demonstrates the transformation of energy—mechanical, chemical, electrical, thermal, nuclear—from one form to another.

UNDERWATER SOUND - BASIC PRINCIPLES
21 min, 16mm film, optical sd, col 1969
Producer USN *Agency No* MN10287
Title No 772202 *Sale* $86.00
Illustrates the basic principles of the behavior of sound under water. Shows the effects of absorption, scattering, bottom loss and sound refraction on sound transmissions in the sea.

UNENDING STRUGGLE, THE
30 min, 16mm film, optical sd, b&w 1965
Producer USDS
Title No 772475 *Sale* W/DRAWN
Brings to life the abstractions of U S foreign policy through sequences photographed on location in Ecuador.

UNIJUNCTION SAWTOOTH GENERATOR
29 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-817
Title No 003818 *Sale* $60.50
Explains the physical and electrical operating characteristics of the unijunction transistor, and identifies the sawtooth generator circuit using a unijunction transistor, and explains the purpose of each component. Explains the circuit operation in detail, showing current flow through the use of animation. Constructs time-amplitude graphs of significant waveforms and explains the terms 'physical length' and 'electrical length.' (Kinescope)

UNIJUNCTION TRANSISTOR AND TUNNEL DIODE
9 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-321B
Title No 003819 *Sale* $19.00
Introduces the unijunction transistor and tunnel diode. Discusses their fundamental characteristics and identifies component parts. (Kinescope)

UNION STEWARD AND YOU, THE
15 min, 16mm film, optical sd, col 1969
Producer USN *Agency No* MN10686
Title No 003820 *Sale* $62.25
Shows the relationship between a first line supervisor and a union steward in solving problems.

UNITED STATES AND WESTERN EUROPE, THE
29 min, 16mm film, optical sd, b&w 1966
Producer USDS
Title No 772725 *Sale* $41.00
Covers the status of NATO and Atlantic security in the mid-1960's - the differing perspectives of France and her allies - the development of western Europe since World War II—with particular attention to the European unity movement - the nature and significance of the Organization for economic cooperation and Development, the Common Market - the Outer Seven - and a survey of U S policy toward western Europe in the postwar period.

UNITED STATES ARRIVING
28 min, 16mm film, optical sd, col 1963
Producer USN *Agency No* MN09928
Title No 773730 *Sale* $94.50
Follows the visit, in June 1963, of John F Kennedy, late President of the United States, to the First Fleet, Point Mugu, Nots China Lake, and the Marine Corps Recruit Depot, San Diego. This film is a narrative of the historic relation between the President's Fleet visit and the history and traditions of the sea services.

* **UNITED STATES DISCIPLINARY BARRACKS, THE - OUR MISSION, YOUR FUTURE**
37 min, 16mm film, optical sd, col 1972
Producer USA *Agency No* TF-19-4443
Title No 002218 *Sale* $148.75
Shows the facilities and operation of the U S Disciplinary Barracks in Ft Leavenworth, Kansas, including training, rehabilitation programs, and levels of confinement.

UNIVERSE ON A SCRATCHPAD
29 min, 16mm film, optical sd, b&w 1967
Producer USNASA *Agency No* HQ 164
Title No 003821 *Sale* $62.50
Studies the work of a modern day astro-physicist and his method of studying the universe. Features commentary by Dr Robert Jastrow and Dr. Patrick Thaddeus of the NASA Goddard Institute for Space Studies, New York.

UNKNOWN THIRTY-SIX SECONDS, THE - AIRCRAFT ACCIDENT INVESTIGATION
35 min, 16mm film, optical sd, col 1968
Producer USAF *Agency No.* TF 5992
Title No. 003822 *Sale* $141.00
Describes organization and mission of aircraft accident investigation board. Depicts its painstaking inspection of plane wreckage to determine possible electrical, mechanical, structural or hydraulic failure. Probes likelihood of crew's showing symptoms of physical or mental disability prior to crash. Concludes with findings and recommendations.
CLEARED FOR TV

***UNWANTED ALIENS**
11 min, 16mm film, optical sd, col 1961
Producer USDA *Agency No.* 1433-1
Title No. 004007 *Sale* $53.00
A plant-pest detection training film showing foreign insects which could be introduced into the united states. Prepared primarily for employees of agricultural research service and other entomological training personnel.

UPPER EXTREMITY PROSTHETIC PRINCIPLES
29 min, 16mm film, optical sd, col 1955
Producer USVA
Title No. 003823 *Sale* $97.75
Shows examples of research efforts resulting in prosthetic principles leading to better artificial arms. Describes the functions lost at different levels of amputation, the principles involved in their prosthetic restoration, and such devices and components as an armamentarium board.

URBAN RAT SURVEYS
10 min, 16mm film, optical sd, col
Producer USNMAC *Agency No.* M-1700
Title No. 003824 *Sale* $41.00
Presents rat survey techniques.

***URTICARIA PIGMENTOSA**
6 min, 16mm film, optical sd, col 1962
Producer ILDS
Title No. 004696 *Rental* W/DRAWN *Sale* W/DRAWN

USAF SPORTS AND RECREATION 1964
24 min, 16mm film, optical sd, b&w 1965
Producer USAF *Agency No.* SFP 1255
Title No. 003825 *Rental* $10.00 *Sale* $42.25
Reviews Air Force team and individual 1964 tourament championships -bowling, volleyball, basketball, bobsledding, curling, chess, judo, track and field, tennis, softball, golf and model airplane flying.
CLEARED FOR TV

USE AND CARE OF FIBER ROPE
20 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No.* MN02340B
Title No. 776504 *Sale* $35.25
Explains how to care for, inspect and use fiber ropes. Compares sisal, manila and jute and shows methods of splicing and eyeing.

USE AND CARE OF WIRE ROPE
18 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN02340A
Title No. 003826 *Sale* $32.00
Describes the construction, use, and protective qualities of wire rope.

USE OF AIRCRAFT FOR INSECT CONTROL, THE, PT 1. MOSQUITO CONTROL
13 min, 16mm film, optical sd, b&w 1949
Producer USNMAC *Agency No.* 04-00077
Title No. 003827 *Sale* $23.75
Depicts the general techniques, materials, and equipment developed in the use of aircraft for mosquito control, and indicates the kind of situation in which such control may economically and feasibly be applied.

USE OF AMMETER
30 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-114
Title No. 003828 *Sale* $62.50
Demonstrates the procedure for setting up the multimeter (PSM-6) for use as an ammeter. In addition, shows the method of adjusting the meter to read values in the range of milliamperes to amperes, and how to connect the meter into a DC circuit to measure current. Stresses the safety precautions to be observed by setting the range switch and connecting the leads properly. Explains the effects of disregarding various precautions and the possible damage which can result to the meter. (Kinescope)

USE OF ANTICOAGULANTS IN RODENT CONTROL
11 min, 16mm film, optical sd, col 1961
Producer USNMAC *Agency No.* M-0474
Title No. 776545 *Sale* $37.25
Describes the use of anticoagulants to kill rodents, advantages of these poisons, various forms and types of anticoagulants available, preparation of the various baits, placement of these poisons to provide the most efficient results, and precautionary measures when using these materials.

***USE OF FIRE IN SLASH DISPOSAL**
16 min, 16mm film, optical sd, col 1960
Producer USDA *Agency No.* 1416
Title No. 003793 *Sale* $74.00
Trains the administrative and forest-fire control personnel who supervise and participate in slash disposal operations. Slash, an accumulation of natural and manmade debris, created a serious hazard when untreated. Explains use of fire as part of the entire slash treatment job and demonstrates techniques and procedures. Illustrates multiple-use management considerations, objectives and standards, treatment plans, preparations, and burning in a variety of conditions and situations.

USE OF OHMMETER
37 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-112
Title No. 003829 *Sale* $76.25
Demonstrates the procedure for setting up the PSM-6 multimeter for use as an ohmmeter, how to adjust the range selector switch for the most accurate reading of a resistor, how to zero the meter, and how to connect the instrument to read the ohmic values of resistors. Stresses the precautionary steps for using the meter and the effects if they are not observed. In addition, gives the general care of the PSM-6. Demonstrates the precedure for determining the condition of resistors, whether good, open, or shorted. Also, compares the measured values to the indicated values. (Kinescope)

***USE OF OVERHEAD PROJECTOR**
3 min, s8mm cartridge, optical sd, col
Producer USBEH
Title No. 003699 *Sale* $20.00
Sold only in a cartridge with pet peeves. Presents short insights into home and school education of the profound hearing impaired.

USE OF PRESSURE-INDICATING PASTE DURING THE DELIVERY OF DENTURES
15 min, 16mm film, optical sd, col 1970
Producer USVA *Agency No.* 8D-110
Title No. 003830 *Sale* $59.25
Shows use of pressure-indicating pastes for developing better-fitting dentures. Shows use of these materials when delivering newly-made dentures to the patient.

USE OF SOLDERING COPPERS, THE
8 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No.* MN 078311
Title No. 003831 *Sale* $14.25
Describes the techniques of soft soldering in a sequence of operations, including proper selection and tinning of the copper, correct heating, cleaning and flexing the surfaces to be soldered, and the method of tranferring sufficient heat from the copper.

USE OF THE CONDOM APPLIANCE FOR THE INCONTINENT PATIENT

9 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No* M-1335
Title No 003832 *Sale* $29.25

Presents in detail the assembly and application of the condom appliance, which provides a means whereby the incontinent male patient can be kept dry without the use of an indwelling catheter.

USE OF THE MALLEABLE MESH IN THE REDUCTION AND FIXATION OF JAW FRACTURES

11 min, 16mm film, optical sd, col 1969
Producer USVA *Agency No* D-77S
Title No 003833 *Sale* $38.25

In the reduction of jaw fractures, where an insufficient number of natural teeth are present to provide secondary support, a workable metal mesh can be used effectively. This current single concept demonstrates the adaptation and fixation of the mesh on a manikin and in the operating room.

USE OF THE OSCILLOSCOPE

21 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-212A
Title No 003834 *Sale* $44.50

Shows on an oscilloscope screen, various waveshapes of different frequencies, amplitudes, and phase relationships. Gives the general operation of the oscilloscope, and a demonstration of the uses of the oscilloscope to find frequency and voltage amplitude. (Kinescope)

USE OF THE PROBLEM IN TEACHING

28 min, 16mm film, optical sd, b&w 1958
Producer USAF *Agency No* TF01-5255
Title No 776625 *Sale* $48.75

Shows how an air university instructor employs a clever method for impressing his students with the principles and techniques of using the problem as an effective teaching aid.

USE OF TURNING FRAMES

35 min, 16mm film, optical sd, b&w 1966
Producer USA *Agency No* TF08-3695
Title No 003835 *Sale* $60.25

Teaches nursing personnel the clinical requirement for and proper use of turning frames.

USE OF VOLTMETER

38 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-113
Title No 003836 *Sale* $78.50

Demonstrates the proper procedure for setting up the multimeter (PSM-6) for use as a voltmeter. Shows how to connect the instrument into a DC circuit and how to adjust and read the meter for different values of voltage. Demonstrates and stresses the safety precautions to be observed by setting the range switch and the correct method of connecting the leads into the circuit. Explains the effects of disregarding various precautions. Shows how the meter is used to obtain a number of voltage readings in circuits containing different components. (Kinescope)

***USEFUL KNOTS FOR BOATMEN**

25 min, 16mm film, optical sd, col 1972
Producer USCG
Title No 002219 *Sale* $101.75

Developed as a marlinspike seamanship training aid for the Coast Guard Auxiliary. Discusses knots most commonly used by boatmen. Their use, instruction for tieing, and the whipping and stowage of natural and synthetic fiber lines are covered in detail.

CLEARED FOR TV

USEFULNESS OF MEDIUM CHAIN TRICLYCERIDES, THE

18 2x2 slides, 1/4 in. audiotape, col 1969
Producer USNMAC *Agency No* S-1735-X
Title No 003837 *Sale* $6.00

Medium chain triglycerides, a recently developed, semi-synthetic type of food, have been enthusiastically recommended as well as deprecated as a faddish novelty. The place of reasonable use of this food supplement in clinical practice is discussed, and some points mentioned concerning the practical utilization of this material.

From the *FAT ABSORPTION IN HEALTH AND DISEASE* series.

USES OF PENICILLINS - OLD AND NEW

40 min, 16mm film, optical sd, b&w 1964
Producer USNMAC *Agency No* T-1828-X
Title No 003838 *Sale* $82.25

Describes one observers experiences with methicillin, oxacillin, ampicillin, and cephalosporin. Discusses the uses of penicillin G in gram-negative infections.

USES OF RESONANT SECTIONS

22 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-617
Title No 003839 *Sale* $46.25

Shows the use of resonant sections of transmission lines as circuit elements. Develops the Lecher line oscillator, and explains how a shorted quarter wave-length section of transmission line can be used as a parallel resonant circuit. (Kinescope)

USING A BORING BAR BETWEEN CENTERS - WORK HELD ON CARRIAGE

22 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 064
Title No. 777050 *Rental* $7.50 Sale $38.50

Shows how to set up, mount, adjust and use a boring bar between centers of the lathe, how to clamp an irregular workpiece on a lathe carriage and how to align the workpiece center with the lathe centerline.

From the *MACHINE SHOP WORK* series. Operations on the Engine Lathe, No. 16

USING A FOLLOWER REST

21 min, 16mm film, optical sd, b&w 1943
Producer USOE *Agency No.* OE 063
Title No. 777100 *Rental* $7.50 Sale $37.00

Illustrates the use of a follower rest in the turning of a long shaft into two diameters.

From the *MACHINE SHOP WORK* series. Operations on the Engine Lathe, No. 15

USING A MATHEMATICS LABORATORY APPROACH

15 min, 16mm film, optical sd, col 1970
Producer USOE
Title No. 777121 *Sale* $64.25

Acquaints teachers with the laboratory approach by describing what labs are, why they are used, how they are organized, and the kinds of activities which are valuable in the mathematics laboratory. Illustrative activities at several grade levels are shown.

From the *PROJECT ON INTERPRETING MATHEMATICS EDUCATION Research Series.*

USING A PORTABLE SPRAY GUN

26 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 289
Title No. 777105 *Rental* $10.00 Sale $45.50

Shows operation and use of the suction type spray gun, including--pressure tank operation, cleaning portable spray guns, adjusting paint, adjusting spray and air controls, and controlling the stroke.

From the *AIRCRAFT WORK* series. Finishing

USING A SHELL END MILL

21 min, 16mm film, optical sd, b&w 1943
Producer USOE *Agency No.* OE 072
Title No. 777200 *Rental* $7.50 Sale $37.00

Tells how the vertical milling machine differs from others. Shows how to make a flat surface with a shell end mill and how to use the sliding head. Explains speed and feed and how to calculate them.

From the *MACHINE SHOP WORK* series. Operations on the Vertical Milling Machine, No. 1

* INDICATES NEW ENTRY

USING A STEADY REST
25 min, 16mm film, optical sd, b&w 1943
Producer USOE *Agency No.* OE 062
Title No. 777250 *Rental* $10.00 Sale $43.75
Describes the steady rest and its uses. Shows how to spot the work for the location of the steady rest, how to mount the steady rest on the lathe and how to adjust the jaws of the rest to the work.
From the *MACHINE SHOP WORK* series. Operations on the Engine Lathe, No. 14

USING A STEADY REST WHEN BORING
21 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 065
Title No. 777300 *Rental* $7.50 Sale $37.00
Shows how to mount a long casting on a lathe face-plate, how to turn a true bearing spot for supporting the workpiece with a steady rest and how to perform boring turning and forming operations when work is supported by a steady rest.
From the *MACHINE SHOP WORK* series. Operations on the Engine Lathe. No. 17

USING DIAGNOSIS IN A MATHEMATICS CLASSROOM
15 min, 16mm film, optical sd, col 1970
Producer USOE
Title No. 777502 *Sale* $62.00
Points out that mathematics instruction can be improved by effectively diagnosing pupil needs. Shows the use of interview inventories and a diagnostic instrument. Explores ways of grouping pupils on the basis of such evaluation and of providing instruction to meet specific needs.
From the *PROJECT ON INTERPRETING MATHEMATICS EDUCATION Research Series.*

USING VISUAL AIDS IN TRAINING
14 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 167
Title No. 778300 *Rental* $7.50 Sale $25.50
Depicts an instructor's use of a training motion picture, a coordinated filmstrip and a manual in teaching his class the use of the micrometer.

USS NAUTILUS - OPERATION SUNSHINE
14 min, 16mm film, optical sd, col 1959
Producer USN *Agency No.* MN08936
Title No. 767794 *Sale* $48.50
Shows events leading up to and during the actual polar passage of the USS Nautilus.

✲ **VACCINATE AGAINST SMALLPOX**
8 min, 16mm film, optical sd, col 1947
Producer USIIAA
Title No. 000619 *O/PRINT*
Explains the necessity for vaccination against smallpox. Demonstrates the multiple pressure technique and shows how smallpox disappears from communities where all people are vaccinated.

✲ **VACUUM TUBES**
37 fr, 35mm filmstrip, silent, b&w 1942
Producer USN *Agency No.* SN00650
Title No. 779002 *Sale* $1.50
Describes the operation of vacuum tubes and their function in radio circuits.

VACUUM TUBES - BIAS IN TRIODES
18 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-408
Title No. 003840 *Sale* $38.50
Explains the term 'bias'. Discusses fixed bias and shows the schematic of a fixed bias network. Identifies the components and gives their purpose. Traces an AC signal through the circuit. (Kinescope)

VACUUM TUBES - ELECTRON THEORY AND THE DIODE TUBE
16 min, 16mm film, optical sd, b&w 1942
Producer USAF *Agency No.* TF01-0470
Title No. 003841 *Sale* $28.50
Explains electron behavior in matter, electron sources in vacuum tubes, symbols of tubes, functioning of in a circuit and effect of plate voltage changes, space charge, and diode and duo-diode as reflectors.

VACUUM TUBES - TRIODE AND MULTIPURPOSE TUBES
14 min, 16mm film, optical sd, b&w 1942
Producer USAF *Agency No.* TF01-0471
Title No. 003842 *Sale* $25.50
Describes the triode tube as evolved from the diode tube, its structure and capacities, and the circuits in which the tube functions. The functions of the grid, grid bias, the screen and suppressor grids, and multipurpose tubes are indicated.

VACUUM TUBES - TRIODES - CATHODE SELF BIAS
17 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-409
Title No. 003843 *Sale* $36.75
Defines 'cathode self-bias,' and shows an amplifier circuit schematic with cathode-bias. Identifies the components, gives the function of the components, traces the charge and discharge paths of CK, and defines 'degeneration.' (Kinescope)

VACUUM TUBES - TRIODES - GRID LEAK BIAS
27 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-410
Title No. 003844 *Sale* $56.50
Shows a grid-leak bias network, identifies the components which comprise the circuit, and explains how the network functions. Traces the charge and discharge paths of CG and the AC signal through the circuit. States the purpose of RG and discusses the four factors which determine the amount of grid-leak bias. (Kinescope)

VALLECITOS BOILING WATER REACTOR
8 min, 16mm film, optical sd, col 1958
Producer USAEC
Title No. 003845 *Sale* $38.50
Examines the operation of the General Electric Vallecitos boiling water reactor and Pacific Gas and Electric Company's turbine-generator installation.

VALLEY OF THE TENNESSEE
29 min, 16mm film, optical sd, b&w 1949
Producer USOWIO
Title No. 003846 *Rental* $10.00 Sale $60.50
Emphasizes the change in agricultural methods made possible by flood control in the tennessee Valley. Describes the origin of the TVA and dam building.

✲ **VALLEY REVISITED**
17 min, 16mm film, optical sd, b&w 1963
Producer USIA *Agency No.* 01-04322
Title No. 004397 *Rental:* W/DRAWN Sale: W/DRAWN
In 'before' and 'after' scenes, describes 30 years of successful operation of TVA. Portrays the dramatic change from an area ravaged by floods to one of growth and accomplishment. Includes President Kennedy's visit for the 30th anniversary celebration.

VALUE ENGINEERING - MORE SHIPS FOR LESS MONEY
13 min, 16mm film, optical sd, col 1957
Producer USN *Agency No.* MN8488
Title No. 779340 *Sale* $45.25
Shows how the U S Navy value engineering program works and explains its key techniques. Get the facts, know the costs, determine the function, do creative thinking, and evaluate by comparison. Examples are given of results of value engineering.

VALUE ENGINEERING - THE HUNDRED MILLION DOLLAR STORY
28 min, 16mm film, optical sd, col 1963
Producer USAF *Agency No.* SFP 1174
Title No. 779350 *Sale* $94.50
Tells the story of the latest Air Force economy concept, when realizes a savings of millions of dollars in aircraft, missile cost.

VAPOR COMPRESSION DISTILLING UNITS - HOW THEY WORK AND HOW TO OPERATE THEM
22 min, 16mm film, optical sd, b&w 1958
Producer USN *Agency No* MN 08264A
Title No 780387 *Sale* $38.50
Describes how a vapor compression distilling unit works by considering it as three systems--flow, heattransfer, and control. Shows by animation diagrams of the flow through unit and what occurs at important points, where the heat comes from and where it transfers in the boiling and condensation process, and the devices that reveal operating conditions and control operation.

VARANGER-DORA WEEMS INCIDENT, THE
4 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No* MN002020
Title No 003847 *Sale* $7.75
Shows collision of the Varanger and the Dora Weems, and the causes therefor.

VARIATIONS ON A THEME
13 min, 16mm film, optical sd, col
Producer USSBA
Title No 780500 *Rental* $10.00 Sale $45.25
Calls attention to important steps in planning a sales event.

***VARIOUS PERCEPTIONS OF AUXILIARIES AT WORK**
15 min, 16mm film, optical sd, b&w
Producer USOE
Title No 004697 *Sale:* W/DRAWN
Shows how adminstrators, students and auxiliaries have widely varying perceptions of the auxiliaries' contribution to an inner city high school.
From the *TEAMS FOR LEARNING* series.

VDRL TESTS FOR SYPHILIS
22 min, 16mm film, optical sd, b&w 1959
Producer USNMAC *Agency No* M-0342
Title No 003848 *Sale* $38.50
Describes the preparation of the basic antigen emulsion. Shows the procedures for the slide flocculation tests for serum, for the tube flocculation tests for serum, and for the spinal fluid test, and gives a recapitulation of key points of VDRL tests for syphilis.
RECOMMENDED FOR PROFESSIONAL GROUPS ONLY.

VECTORS
12 min, 16mm film, optical sd, b&w 1945
Producer USN *Agency No* MN01540N
Title No 780900 *Rental* $7.50 Sale $22.25
Explains vectors, changes in angle or magnitude, how vectors are plotted and how the resultant is found.

***VEE - A NATIONAL EMERGENCY**
11 min, 16mm film, optical sd, col 1972
Producer USDA *Agency No* 10819
Title No 003794 *Sale* $55.00
Shows actions to control Venezuelan equine encephalomyelitis (vee), the deadly horse sleeping sickness that invaded Texas in the summer of 71, after a devastating impact on Mexico. Depicts mass vaccination, quarrantine and aerial spraying to suppress mosquitoes.

VEHICLE MAINTENANCE STORY, THE
14 min, 16mm film, optical sd, col
Producer USPO
Title No 781152 *Sale* $48.50
Points up to the value of good vehicle maintenance, and the effort made by the Post Office to establish proper maintenance procedures.

VELA PROGRAM - SATELLITE DETECTION SYSTEM
18 min, 16mm film, optical sd, col 1964
Producer USAEC
Title No 003849 *Sale* $62.00
Explains the nature of the atmosphere surrounding our planet and the problems involved in analyzing nuclear explosions beyond the Earth's atmosphere. Describes the basic circuits and problems involved in developing a series of satellites for detecting nuclear radiation illustrates the manufacturing and testing of the detection system, and summarizes the future of the satellite detection program.

VENEZUELAN EQUINE ENCEPHALITIS EPIDEMIC IN COLUMBIA
16 min, 16mm film, optical sd, col 1968
Producer USPHS *Agency No* 7-1611
Title No 003850 *Sale* $55.00
Documents a study of two simultaneous outbreaks of Venezuelan equine enciphalitis affecting both equines and humans in Colombia, South America.

VENEZUELAN EQUINE ENCEPHALITIS EPIDEMIC IN COLOMBIA (SPANISH)
16 min, 16mm film, optical sd, col 1968
Producer USPHS *Agency No* M-1611-SP
Title No 004025 *Sale* $55.00
Documents a study of two simultaneous outbreaks of Venezuelan equine enciphalitis affecting both equines and humans in Colombia, South America.

VENOMOUS ANIMALS OF THE SEA
28 min, 16mm film, optical sd, col 1970
Producer USN *Agency No* MN10697
Title No 003851 *Sale* $113.50
Discusses many venomous forms of marine life from cone shells to stone fish and explains how dangerous their venom is to man.

VERBAL IMPAIRMENT ASSOCIATED WITH BRAIN DAMAGE
16 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No* M-1112
Title No 003852 *Sale* $55.00
In a series of testing sequences, speech therapists demonstrate how three syndromes of verbal impairment can be differentiated from each other by a careful analysis based on a linguistic description. A systematic replicable method for identifying and sorting out symptoms is shown.
RECOMMENDED FOR PROFESSIONAL GROUPS ONLY.

***VERMILONECTOMY**
7 min, 16mm film, optical sd, col 1973
Producer USA *Agency No* PMF-5460
Title No 003576 *Sale* $29.50
Demonstrates an operation to correct a recurring lesion on the lower lip by removing the lip mucosa. The lesion in diagnosed as benign keratosis, or solar keratosis.
SUGGESTED FOR PROFESSIONAL GROUPS.

VERNIERS
19 min, 16mm film, optical sd, b&w 1941
Producer USOE *Agency No* OE 004
Title No 781950 *Rental* $7.50 Sale $33.75
Uses animation to tell the principles of the Vernier scale and its application to precision measuring instruments. Tells how to use and read Vernier micrometers and calipers.
From the *MACHINE SHOP WORK* series. Precision Measurement, No. 4

***VERSUS**
11 min, 16mm film, optical sd, col 1972
Producer NATO
Title No 002220 *Sale* $44.75
Explores the importance of NATO and the need for collective security. Argues that peace can best be achieved through collective defense. Also notes the nonmilitary activities of NATO.

***VESICULAR DISEASES OF ANIMALS (REV ED)**
11 min, 16mm film, optical sd, col 1951
Producer USDA *Agency No* 1653-9R
Title No 782270 *Sale* $53.00
Shows hogs affected with vesicular stomatitis photographed at the Animal Disease Section, Agricultural Research Center, Beltsville, Maryland. gives description of the typical condition of diseased animals.

*** VESICULAR EXANTHEMA**

17 min, 16mm film, optical sd, col 1954
Producer USDA *Agency No.* 1178
Title No. 004010 *Sale* $77.00

Tells the story of the outbreak of vesicular exanthema in 1952, its rapid spread, and measures taken to control it. Shows disease symptoms - depicts differential diagnostic field tests, and reviews federal-state -industry cooperation in eradication efforts, including the proper cooking of garbage fed to swine to curb the spread of vesicular exanthema. Stresses that any campaign to control outbreaks and eradicate animal diseases requires the cooperation of everyone connected with the livestock industry, from the producer to the consumer.

VETERAN BECOMES A FARMER, THE

28 min, 16mm film, optical sd, b&w 1946
Producer USOE *Agency No.* OE 398
Title No. 782260 *Sale* $57.25

Shows how individuals and groups in a farm community cooperate in giving help and counsel to a veteran wishing to become a farmer.

*** VETERINARIAN, USDA**

29 min, 16mm film, optical sd, col 1966
Producer USDA *Agency No.* 5271
Title No. 004011 *Sale* $130.00

Depicts the full range of veterinary activities in the Department's Agricultural Research Service and Consumer and Marketing Service. It will be of interest to veterinarians, veterinary students, veterinary association, and to livestock groups and others Concerned with the health, disease eradication, production, slaughtering, and marketing of livestock and poultry.

VIBRATION PROBLEMS IN THE DESIGN OF SHIPBOARD ELECTRONIC EQUIPMENT

19 min, 16mm film, optical sd, b&w 1956
Producer USN *Agency No.* MN08681B
Title No. 003853 *Sale* $33.75

Demonstrates how breakage can occur when equipment chassis are not protected against vibration and shock. Shows ways in which vibration can be eliminated by the use of bands, screws, and braces placed in different ways on a chassis.

VIBRATORS

25 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-138
Title No. 003854 *Sale* $52.50

Illustrates the purpose of vibrator-changing steady DC current to pulsating current. Then points out the parts of a vibrator and explains what makes it work. Shows the schematic of a vibrator in a circuit and, discusses the two vibrator output characteristics-square wave pulsating DC, and frequency varies with rate of opening and closing the contacts. (Kinescope)

VIDEO AMPLIFIER

25 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-329
Title No. 003855 *Sale* $52.50

Describes the frequency range and states the function of each component of the video amplifier. Explains methods used to obtain low and high frequency response. (Kinescope)

VIDEO AMPLIFIERS

29 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-421
Title No. 003856 *Sale* $60.50

Explains why a pentode tube is used in video amplifiers rather than triode tubes. Shows the schematic of a video amplifier, and identifies and gives the purpose of each of the components. Lists and discusses the various troubles which certain symptoms indicate. (Kinescope)

*** VIETNAMESE - BASIC COURSE, VOL 1, GUIDE TO PRONUNCIATION, LESSONS 1-10**

22 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004131 *Sale* $71.50

Cassettes and accompanying text are both available for $74.25.

OTHER FORMAT(S) or VERSION(S)

37 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004132 *Sale* $103.25

Tape set and accompanying text are both available for $106.00.

*** VIETNAMESE - BASIC COURSE, VOL 2, LESSONS 11 - 15**

10 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004133 *Sale* $32.50

Cassettes and accompanying text are both available for $34.00.

OTHER FORMAT(S) or VERSION(S)

18 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004134 *Sale* $50.25

Tape set and accompanying text are both available for $51.75.

VIEW OF THE SKY, A

28 min, 16mm film, optical sd, col 1967
Producer USNASA *Agency No.* HQ 163
Title No. 003857 *Sale* $113.50

Explores a child's view of the solar system today and tomorrow.

CLEARED FOR TV.

*** VIEWPOINT**

26 min, 16mm film, optical sd, col 1967
Producer USDA *Agency No.* 5600
Title No. 004012 *Sale* $126.00

The story of the national forests told from the special viewpoint of Bob Bray, who plays Forest Ranger Corey Stuart in the Lassie TV series. The film, narrated by Bob Bray, includes many striking sequences filmed on national forests in different sections of the country, plus some clips from the Lassie series.

VIGIL OF JENNY FAY, THE

17 min, 16mm film, optical sd, b&w 1962
Producer USNMAC *Agency No.* MIS-0649
Title No. 003858 *Sale* $30.50

Discusses a study conducted by the U S Public Health Service in Kansas City to determine how dental care can be made available to the chronically ill in nursing homes and in private homes.

VISION IN MILITARY AVIATION - ILLUSIONS

32 min, 16mm film, optical sd, col 1963
Producer USN *Agency No.* MN09480B
Title No. 003859 *Sale* $107.50

False sensations or illusions experienced while operating high-performance aircraft. Orientation and equilibration on ground and in the air. Prevention of illusions and recovery from them.

VISION IN MILITARY AVIATION - SENSE OF SIGHT

25 min, 16mm film, optical sd, col 1962
Producer USN *Agency No.* MN09480A
Title No. 003860 *Sale* $84.75

Describes anatomy and physiology of the eye, including structure of the retina and functions of the rods and cones for light discrimination, dark-adaptation and techniques for relying on rod vision. Depicts effects of - G -, carbon monoxide, medications, hypoxia, and over-exposure to glare.

*** VISION IN THE FOREST**

5 min, 16mm film, optical sd, col 1957
Producer USDA *Agency No.* 1346
Title No. 784400 *Sale* $26.00

Portrays a family enjoying a camping trip in the forest. shows how to prevent fires from getting started.

VISUAL ARTS, THE
30 min, 16mm film, optical sd, b&w 1965
Producer USIA *Agency No* 01-01451
Title No 004398 *Rental* W/DRAWN Sale W/DRAWN
Explores in detail the works of painter Edward Hooper, architect Minoru Yamasaki, sculptor Richard Hunt and photographer Ansel Adams.
From the *REPORT FROM AMERICA* series.

VISUAL DAY SIGNALS
14 min, 16mm film, optical sd, col 1943
Producer USN *Agency No* MN002021
Title No 003861 *Sale* $48.50
Shows international day signals, and various other signals.

VISUAL FLIGHT RULES
22 min, 16mm film, optical sd, col 1951
Producer USN *Agency No* MN06914
Title No 785100 *Rental* $10.00 Sale $74.75
Explains and illustrates Civil Air Regulations Part 60, as they apply to naval aviators while flying under VFR clearances.

***VISUAL GLIDE SLOPE INDICATOR**
15 min, 16mm film, optical sd, col 1961
Producer USFAA *Agency No* FA-130
Title No 003096 *Sale* $51.75
Illustrates the testing of several visual glide slope systems to set up a national standard.

VISUALIZING AN OBJECT
9 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 051
Title No 786250 *Rental* $5.00 Sale $15.75
Tells how a blueprint is developed, how dimensions are shown by different views and how various kinds of information are indicated on a blueprint.
From the *MACHINE SHOP WORK* series. Fundamentals of Blueprint Reading, No. 1

VISUALIZING AN OBJECT (SPANISH)
9 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 051
Title No 003862 *Rental* $5.00 Sale $15.75
Tells how a blueprint is developed, how dimensions are shown by different views and how various kinds of information are indicated on a blueprint.
From the *MACHINE SHOP WORK* series. Fundamentals of Blueprint Reading, No. 1

VITAL LINK, THE
29 min, 16mm film, optical sd, col 1967
Producer USNASA *Agency No* HQA 174
Title No 003863 *Sale* $117.25
Shows NASA's worldwide communications system and networks of stations that send commands to spacecraft, determine spacecraft position, and receive scientific data from them. Emphasizes the Apollo tracking network.

***VITAL OCEAN, THE**
29 min, 16mm film, optical sd, col
Producer NATO
Title No 002950 *Rental* $12.50 Sale $117.25
Describes the current strength of the NATO navies in the Atlantic and explaining the task of SACLANT (Supreme Allied command Atlantic) at Norfolk, Virginia, where officers from six NATO countries work together to coordinate defense plans in the north Atlantic area. The film deals with the under-water threat constituted by the Soviet submarine fleet and shows the work now being done by a team of NATO scientists at La Soezia, in Italy.

VITAL SIGNS AND THEIR INTERRELATION, THE BODY TEMPERATURE, PULSE, RESPIRATION,...
32 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No* OE 406
Title No 003864 *Rental* $10.00 Sale $55.25
FULL TITLE - VITAL SIGNS AND THEIR INTERRELATION, THE - BODY TEMPERATURE, PULSE, RESPIRATION, BLOOD PRESSURE. Describes the Physiology of the Respiratory, Heat Regulatory, and Circulatory Systems And Their IntErrelationships, Shows how to ascertain and record the vital signs--temperature, pulse, respiration, and blood pressure.
From the *NURSING* series.

VITAL SIGNS, PT 1, CARDINAL SYMPTOMS
21 min, 16mm film, optical sd, b&w 1956
Producer USN *Agency No* MN08211A
Title No 003865 *Sale* $37.00
Explains temperature, pulse, respiration, and blood pressure by means of live actiona animation, art work, and sound effects. Tells how these vital signs present a picture of the condition of the body.

VITAL SIGNS, PT 2, TAKING TEMPERATURE, PULSE, AND RESPIRATION
20 min, 16mm film, optical sd, b&w 1956
Producer USN *Agency No* MN08211B
Title No 003866 *Sale* $35.25
Demonstrates the techniques of taking temperature (oral, rectal, axillary), pulse, and respiration of patients with a variety of conditions. Shows equipment needed and includes sanitary procedures and charting.

VITAL SIGNS, PT 3, TAKING BLOOD PRESSURE
11 min, 16mm film, optical sd, b&w 1956
Producer USN *Agency No* MN08211C
Title No 003867 *Sale* $19.25
Explains and demonstrates the principles of taking systolic and diastolic pressures and the procedures followed with patients. Uses sound effects to show the significant changes in pulse tone.

***VOCAL APPROACH**
1 min, s8mm cartridge, optical sd, col
Producer USBEH
Title No 003700 *Sale* $19.25
Sold only in a cartridge with pitch and incidental correction of speech. Presents short insights into home and school education of the profound hearing impaired.

***VOICE FOR MERCURY, A**
15 min, 16mm film, optical sd, col 1961
Producer USNASA *Agency No* HQA-66
Title No 002221 *Sale* $51.75
Describes the construction and equipping of NASA's vast mercury tracking network around the world.

VOICE IN THE CITY, A
28 min, 16mm film, optical sd, b&w 1968
Producer USIA *Agency No* 01-02694
Title No 004399 *Rental* W/DRAWN Sale W/DRAWN
Describes the routine daily activities of Audrey Brand, a union representative, member of District Council 37 in New York, who looks after the interests of a number of local municipal unions. Through her varied encounters, illustrates the important role of the labor union in a democratic society and the many satisfactions it offers those who work within it.

***VOICE OF THE FOREST**
27 min, 16mm film, optical sd, col 1961
Producer USDA *Agency No* 1444
Title No 004009 *Sale* $122.00
One impressionable boy at summer camp, a forest that talks to him when he gets lost in the woods and a carelessly set fire that threatens his new-found friends. These elements, combined with excellent photography and music, make a picture that offers more complete understanding and appreciation of our forests.

VOLT OHMMETER OPERATION
12 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No* MN 1540S
Title No 788550 *Rental* $7.50 Sale $27.00
Shows how to operate a volts ohmmeter (Weston and other types) to measure ohms and volts.

VOLTAGE DIVIDERS
21 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-123
Title No 003868 *Sale* $44.50
Explains and demonstrates how voltages are developed at

the taps with respect to ground. Ground is explained both as a reference point and as a current conduction path. Sample problems show the relationship of positive and negative voltage to ground. (Kinescope)

VOLTAGE DOUBLER
30 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-405
Title No. 003869 *Sale* $62.50
Develops, through analogy and demonstration, the theory of a voltage doubler circuit. Traces the charge and discharge paths for the capacitors, computes peak output voltage and ripple frequency, and relates malfunctions in a voltage doubler circuit to the symptoms. (Kinescope)

VOLTAGE REGULATORS
15 min, 16mm film, optical sd, b&w
Producer USAF *Agency No.* TVK 30-331
Title No. 003870 *Sale* $32.50
Discusses the operation, use, representation, and characteristic curve of zener diodes. Shows the schematic of a circuit with a zener diode, and discusses its operation or function in the circuit. (Kinescope)

VOLTAIC CELL, DRY CELL, AND STORAGE BATTERY
18 min, 16mm film, optical sd, b&w 1943
Producer USA *Agency No.* TF11-1187
Title No. 788600 *Sale* $32.00
Explains the principles of a voltaic cell, a dry cell, and a storage battery.

***VOLUNTEER FIREMAN, THE**
19 min, 16mm film, optical sd, col 1962
Producer USDA *Agency No.* 1509
Title No. 004008 *Sale* $89.00
Designed to assist volunteer fire departments suppress woods fires. Shows techniques of using handtools and back pack pumps. Includes the important work of mopping up, cleaning and storing tools, reporting, and prevention followup. It points up the importance of cooperation between volunteer fire departments and state forest fire services.

VOLUNTEERS FOR HEAD START
7 min, 16mm film, optical sd, col 1966
Producer USOEO
Title No. 788900 *O/PRINT*
Describes various opportunities for professional and nonprofessional service in the programs of Head Start. Includes scenes showing the work of volunteers such as doctors and dentists, fathers, retirees, club women, teenagers, and housewives.

WAKE TURBULENCE (REV)
15 min, 16mm film, optical sd, col 1970
Producer USFAA *Agency No.* FA 10-72
Title No. 789611 *Sale* $58.50
Graphically illustrates the phenomenon of wing tip vortices, how they are generated, what generates them, their effects on light aircraft, and suggests pilot actions on how best to avoid them.
CLEARED FOR TV.

***WANTED - PLANT PEST DETECTIVES**
14 min, 16mm film, optical sd, col 1961
Producer USDA *Agency No.* 1433
Title No. 004013 *Sale* $69.00
Explains that the public's assistance is needed in helping track down dangerous foreign plant pests that may have gotten into the country. includes such invaders as the boll weevil of cotton, spotted alfalfa aphid, European corn borer, white pine blisters rust, stem rust of grain and golden nematode of potato. illustrates what state and federal governments are doing to further pest detection to protect American agriculture.

***WANTED--PLANT PEST DETECTIVES (SPANISH)**
15 min, 16mm film, optical sd, col 1961
Producer USDA *Agency No.* 1433-2
Title No. 002152 *Sale* $69.00
Explains that the public's assistance is needed in helping track down dangerous foreign plant pests that may have gotten into our country. The costly pest problem is reviewed with resumes on such invaders as boll weevil of cotton, spotted alfalfa aphid, european corn borer, white pine blister rust, stem rust of grain, and golden nematode of potato. Illustrates what state and federal governments are doing on pest detection to protect American agriculture.

WAR AND ADVICE
20 min, 16mm film, optical sd, b&w 1964
Producer USAF *Agency No.* AFMR 0624
Title No. 790475 *Rental* $7.50 Sale $35.25
Depicts role of Special U S forces who serve as observers and instructors for Vietnamese troops. Shows how American aid and influence reach into military, political, psychological and economic areas with good will and support of the people as a primary objective. Depicts alert practices in strategically constructed hamlets where civilians also do their part in resisting the Viet Cong.
CLEARED FOR TV.

WAR COMES TO AMERICA
67 min, 16mm film, optical sd, b&w 1945
Producer USWD *Agency No.* OF 07
Title No. 790480 *Rental* $17.00 Sale $139.50
Briefly reviews the history of the United States. Describes the characteristics, habits, and beliefs of the American people and explains the events, from 1931 to 1941, that led to the United States' entry into World War II.
From the *WHY WE FIGHT* series.

WAR OF INDEPENDENCE, 1775-1783
24 min, 16mm film, optical sd, col 1952
Producer USN *Agency No.* FN06943A
Title No. 790600 *Sale* $81.50
Presents through still pictures, using the filmograph technique, the general movements of the Continental Army and Navy from 1775 to 1783. Depicts the founding Of the Navy, the battle of Valcour island, John Paul Jones, and Washington's strategy at Yorktown.

WAR OF 1812, THE
20 min, 16mm film, optical sd, col 1955
Producer USN *Agency No.* FN06943C
Title No. 790650 *Sale* $68.25
Presents through still pictures and using the filmograph technique, the events leading up to the War of 1812, and the role of the U S navy in this war. Illustrates the origins of such phrases as 'Old Ironsides,' 'don't give up the ship,' and 'We have met the enemy and they are ours.' Contains a sequence on the writing of the Star-spangled Banner.

WARM COAT, THE
14 min, 16mm film, optical sd, col 1969
Producer USAEC
Title No. 003871 *Sale* $47.00
Describes the transplanting of sea otters from Amchitka Island in the Bering Sea to Alaskan Coves with the cooperation of the AEC.

WASHINGTON MOSQUE, THE
15 min, 16mm film, optical sd, col 1957
Producer USIA *Agency No.* 01-10670
Title No. 004698 *Rental:* W/DRAWN Sale: W/DRAWN
Depicts the architecture and decor of Washington D c's Mosque. Describes religious and cultural activities of the Islamic center which was made possible by contributions of 15 different Muslim countries.

***WASTE AWAY**
22 min, 16mm film, optical sd, col 1969
Producer USEPA
Title No. 002222 *Sale* $74.75
Describes the development and implementation of a comprehensive plan for solid waste management.

WASTE DISPOSAL BY HYDRAULIC FRACTURING
11 min, 16mm film, optical sd, col 1966
Producer USAEC
Title No. 003872 *Sale* $39.50
Depicts the development, at Oak Ridge National Laboratory, of a process for the disposal of intermediate-level radioactive

wastes in underground bedded shale formations. Shows an actual injection of material into the formation, supplemented by animation which portrays the manner in which the grout is forced down into the well and then into the fracture for permanent disposal.

WATCH ON HEALTH, THE
14 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No* M-1061
Title No 003873 *Sale* $47.00
Describes briefly the historic high points and current programs of the Public Health Service.

***WATCH OUT FOR WITCHWEED**
14 min, 16mm film, optical sd, col 1963
Producer USDA *Agency No* 1562
Title No 004014 *Sale* $64.00
Witchweed is a pretty, red-blossomed plant that looks harmless-but watch it. This parasite attaches itself to plant roots and is capable of devastating whole crops of corn, sugarcane, sorghum, rice, wheat, oats, barley, and more than 60 species of grass and sedge. Shows what is being done to control the spread of this parasitic plant and what methods of eradication have already been developed.

***WATER**
11 min, 16mm film, optical sd, b&w 1948
Producer USDA *Agency No* 1022
Title No 004015 *Sale* $23.00
Tells the story of water - its numerous values and its potential destructive power when uncontrolled. It develops the theme that water is essential to all life and that the most valuable water is that which soaks into the ground where it falls as rain or snow while the most destructive water is permitted to run off uncontrolled from the ground where it falls.

***WATER FOR FARM AND CITY**
14 min, 16mm film, optical sd, b&w 1959
Producer USDA *Agency No* 1457
Title No 793493 *Sale* $34.00
Shows tne effect of water on the land and its people. Depicts farmers and ranchers guarding the Nation,S water supply through proper conservation methods. Revised edition of 'Water For a Nation'.

***WATER FOR THE WEST**
25 min, 16mm film, optical sd, col 1957
Producer USDA *Agency No* 1230
Title No 793671 *Sale* $111.00
Describes how forest and watershed scientists at experiment stations in the forests and on the range are trying to find the best ways to increase the yield of useful water without damaging the soil and the other important resources of the national forests.

WATER MASSES OF THE OCEAN
45 min, 16mm film, optical sd, col 1967
Producer USN *Agency No* MN10[illegible]4
Title No 003874 *Sale* $153.00
Provides a study of the locations and dynamic movements of the major water masses of the oceans.

***WATER ON THE FIRE**
27 min, 16mm film, optical sd, col 1952
Producer USDA *Agency No* 1150
Title No 7936[illegible]3 *Sale* $123.00
Demonstrates effective and economical ways to use water in extinguishing various types of burning fuels in the forest of the eastern United States.

***WATER ON THE LAND**
9 min, 16mm film, optical sd, col 1947
Producer USIIAA
Title No 003875 *O/PRINT*
Explains the values of irrigation in farming and demonstrates some simple irrigation methods.

WATER PURIFICATION, INTRODUCTION
10 min, 16mm film, optical sd, col 1953
Producer USN *Agency No* MN 07489A
Title No 794010 *Sale* $34.00
Emphasizes the importance of disinfecting water, explains the various sources of water and the steps required to provide a safe water supply, and mentions briefly diatomite filters and distilling equipment.

WATER, FRIEND OR ENEMY
10 min, 16mm film, optical sd, col 1943
Producer USCIAA *Agency No* 08-10077
Title No 792225 *Rental* $7.50 Sale $44.75
Uses animation to illustrate correct measures for keeping spring and well water from becoming contaminated.
From the *HEALTH FOR THE AMERICAS* series.

***WATERS FROM THE MOUNTAIN**
20 min, 16mm film, optical sd, col 1964
Producer USDA *Agency No* 5226
Title No 004016 *Sale* $94.00
The most vital job of the snow surveyor is to measure water content in snow and determine how much water to expect when the snow melts. He tells us how much water will be for power, irrigation, watershed projects, recreation, flood control, and any of the other uses for water on which man depends.

***WATERS OF COWEETA**
20 min, 16mm film, optical sd, col 1953
Producer USDA *Agency No* 1103
Title No 794650 *Sale* $91.00
Illustrates research being undertaken at the hydrolaboratory in the Coweeta Experimental Forest of North Carolina, emphasizing the relationship between watershed practices and the flow of water in streams.

***WATERSHED WILDFIRE**
21 min, 16mm film, optical sd, col 1958
Producer USDA *Agency No* 1302
Title No 794742 *Sale* $97.00
Depicts the effect of a forest fire which spread throughout the brush covered canyons of California's Santa Inez watershed. emphasizes The importance of immediate reseeding of such an area to help prevent devastating floods with the advent of the rainy season. explains that everyone's help is needed in support of fire prevention, fire detection and fire control.

WAVEGUIDE PLUMBING
26 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-906
Title No 003876 - *Sale* $54.75
Covers the 90 degree 'e' and 'H' bend in rectangular waveguides by explaining the effect on the fields within the guide. Discusses twists, flexible waveguide, and improper bends. Explains the choke and rotating joint both physically and electrically, and the actions of the feedhorn and dummy load, by means of mockup and cellomatic visuals. Shows actual bends, twists, choke joints, flexible waveguide, feedhorn and dummy load. (Kinescope)

WAVEGUIDES
29 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-905
Title No 003877 *Sale* $60.50
Explains the inadequacy of transmission lines, other than waveguides, at microwave frequencies. Stresses factors determining the power handling capability and the frequency handling capability of waveguides. Shows how a loop or probe is used to inject or extract energy from a waveguide. Explains the use of electromagnetic energy to show the operation of a waveguide. Shows how to ascertain the polarization of a waveguide. (Kinescope)

WAVESHAPING NETWORKS
34 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-803
Title No 003878 *Sale* $70.50
Shows how to determine the amount of capacitor charge

* INDICATES NEW ENTRY

applied to an RC network. Discusses differentiated and integrated waves. Gives definitions for short, medium and long time constant circuits, and shows how the waveforms for each circuit can be recognized. (Kinescope)

WAY OUT OF THE WILDERNESS, A
29 min, 16mm film, optical sd, b&w 1968
Producer USNMAC *Agency No* M 1711-X
Title No 003879 *Sale* $50.25
Depicts care of retarded children at the Plymouth State Home and Training Center, which is designed to look like a home rather than an institution and has as its goal preparing the children for return to the outside world. Shows several children, some motor handicapped, some blind, and what is being done to help them find 'a way out of the wilderness.'

***WE**
15 min, 16mm film, optical sd, col 1973
Producer USBC
Title No 000423 *Sale* $56.50
Presents key findings of the 1970 census-the enormous growth of our suburbs, the continued historic movement of the population from rural to urban areas, towards the nation's coasts. Puts the statistics about the progress and problems of America into human terms, concentrating on the people as they work, play, and relax.
OTHER FORMAT(S) or VERSION(S)
29 min, 16mm film, optical sd, col 1973
Producer USBC
Title No 002223 *Sale* $115.50

***WE SHARE THIS LAND**
14 min, 16mm film, optical sd, col 1962
Producer USDA *Agency No* 1363
Title No 796996 *Sale* $67.00
Explains how conservation practices can bring beneficial wildlife back to the farm. Includes scenes of birds and animals found on the farm.

***WE SHOW THE WAY**
15 min, 16mm film, optical sd, col 1962
Producer USDA *Agency No* 1549
Title No 000977 *Sale* $68.00
Tells the story of the federal-state Cooperative Extension Service, which brings to America's families, on the farm and in the city, the research findings and know-how of the land-grant universities and the U S Department of Agriculture.

***WE, THE JAPANESE PEOPLE**
25 min, 16mm film, optical sd, b&w 1952
Producer USA
Title No 003880 *Sale* $52.50
Shows some of the democratic changes the Japanese people have adopted since 1945.

WEAPONEERS OF THE DEEP
28 min, 16mm film, optical sd, col 1967
Producer USN *Agency No* MN 10330
Title No 003881 *Sale* $94.50
To acquaint members of selected civic organizations and personnel at Navy recruit training centers with the educational and career opportunities of serving as an FBM weaponeer in the Polaris submarine fleet.

WEATHER EYE, THE
13 min, 16mm film, optical sd, col 1969
Producer USAEC
Title No 003882 *Sale* $83.00
Describes the design, development and fabrication of SNAP-19, a small, long-lived radioisotope-fueled nuclear generator used to supply power aboard a Nimbus weather satellite. SNAP-19 supplements the work of solar cells in powering the transmitters and data-gathering instruments aboard the satellite. Shows how the heat from the radioisotope 238 is converted directly to electrical power by means of thermocouples.

***WEATHERPROOFING BACA COUNTY**
6 min, 16mm film, optical sd, b&w 1963
Producer USDA *Agency No* 3224
Title No 003795 *Sale* $15.00
Depicts man's never-ending fight against drouth dust and disaster in the Great Plains. Shows how farmers and ranchers in Baca County, Colorado, through low-level, weed-killing flights by airplanes and stubble-mulching operations on the gound, protect the land against the erosive force of the wind and conserve each drop of moisture where it falls.

***WEB OF LIFE - ENDLESS CHAIN**
28 min, 16mm film, optical sd, col 1972
Producer USAEC *Agency No* 0480
Title No 002225 *Sale* $75.00
A special no-narration version of the motion picture Endless Chain. Uses poetry, music and nature photography to depict the work being done by the U S Atomic Energy Commission at its Ecological Study Sanctuary in Washington State.

WEDNESDAY IN APRIL
20 min, 16mm film, optical sd, col 1968
Producer USIA *Agency No* 01-11592
Title No 004699 *Rental* W/DRAWN Sale W/DRAWN
Pictures an average day as it is lived across the varied scene of the American continent. Cowboy, farmer or urban worker, every citizen is free to weave his own unique pattern into the infinite and multi-colored threads of the American tapestry. His day, career and way of life are his to create, unravel and recreate in this mobile and richly diverse society.

WEIN BRIDGE OSCILLATOR
21 min, 16mm film, optical sd, b&w
Producer USAF *Agency No* TVK 30-534
Title No 003883 *Sale* $44.50
Explains the theory of operation of the Wein bridge vacuum tube oscillator and states the purpose of each component. Explains the action when the size of the frequency determining components are changed and gives the formula for finding the operating frequency. (Kinescope)

WEST POINT - THE MAKING OF A LEADER
30 min, 16mm film, optical sd, b&w 1966
Producer USIA *Agency No* 01-01706
Title No 004700 *Rental* W/DRAWN Sale W/DRAWN
Explains that in addition to military training, a West Point cadet receives a well-rounded education.
From the *REPORT FROM AMERICA* series.

WHAT CAUSES CURRENT FLOW - EMF
3 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No* MN08016F
Title No 801875 *Sale* $6.25
Shows an outside force converted into electrical force of attraction. Points out that in a circuit the electrical forces of attraction and repulsion taken together are called electromotive force (EMF).

WHAT CONTROLS CURRENT FLOW - RESISTANCE
4 min, 16mm film, optical sd, b&w 1954
Producer USN *Agency No* MN08016G
Title No 802010 *Sale* $7.75
Shows the symbol for resistance to current flow, the atomic basis for resistance in materials, and the effect of the use of a resistor in a circuit.

WHAT HAPPENED TO MOORETOWN
19 min, 16mm film, optical sd, b&w 1965
Producer USNMAC *Agency No* M-1449-X
Title No 003884 *Sale* $33.75
A high disease incidence neighborhood takes action to correct its communicable disease problems in this film of a Shreveport, Louisiana, community. Shows how the mayor, health director, president of the neighborhood health council, and public works directors co-operate with official agencies in improving housing, sewage disposal, vector control, and general environmental santitation.

WHAT IS DISEASE - UNSEEN ENEMY

11 min, 16mm film, optical sd, col 1945
Producer USIA *Agency No* 08-10066
Title No 003885 *Rental* $7.50 Sale $45.00
Uses animation to show how germs and microbes cause sickness and outlines simple preventive measures.
From the *HEALTH FOR THE AMERICAS* series.

WHAT IS DISEASE - UNSEEN ENEMY (SPANISH)

11 min, 16mm film, optical sd, col 1945
Producer USIA *Agency No* 08-10066
Title No 003886 *Rental* $7.50 Sale $45.00
Uses animation to show how germs and microbes cause sickness and outlines simple preventive measures.
From the *HEALTH FOR THE AMERICAS* series.

*WHAT IS TEACHING - WHAT IS LEARNING

30 min, 16mm film, optical sd, col 1971
Producer USNIMH
Title No 002227 *Rental* $12.50 Sale $66.00
Covers contrasting attitudes and ideas about teaching and the role of the school on our society.
From the *SOCIAL SEMINAR* series.

*WHAT IS YOUR QA QUOTIENT?

62 2x2 slides, silent, col 1971
Producer USFDA
Title No 002228 *Sale* $8.00
Stresses need for achieving quality in the production and sterilization of disposable medical devices. Motivates management and all levels of employees toward achieving the highest degree of quality assurance by illustrating the importance of each individuals performance. Includes accompanying script.

*WHAT NOW SKIPPER?

19 min, 16mm film, optical sd, col 1972
Producer USCG
Title No 002229 *Sale* $78.00
Depicts the recommended procedures for selecting, maintaining and using marine fire extinguishers. Intended for use in familiarizing the boating public with the federal requirements for fire extinguishers and their proper use on the pleasure boat.

WHAT, WHERE AND WHEN - THE STORY OF THE U S ARMY SUPPLY AND MAINTENANCE COMMAND

27 min, 16mm film, optical sd, col 1966
Producer USA *Agency No* MF38-5155
Title No 003887 *Sale* $109.50
Describes dual mission of the U S Army Supply and Maintenance Command--to deliver supplies to the soldier, and to perform fifth echelon maintenance of Army equipment.
CLEARED FOR TV.

*WHAT'S NEW IN SOLID WASTE MANAGEMENT

36 min, 16mm film, optical sd, col 1970
Producer USEPA
Title No 002226 *Sale* $146.75
Shows a variety of new and improved Solid Waste management techniques, feautring specially developed equipment in actual operation. The projects are part of the demonstrations and investigations conducted under provisions for the Solid Waste Disposal Act. Provides costs, capacities and other data to assist public works directors and other officals who must evaluate alternative systems and equipment.
SUGGESTED FOR TECHNICAL AUDIENCES.

WHEELCHAIR TRANSFERS FOR THE PARAPLEGIC

7 min, 16mm film, optical sd, col 1966
Producer USNMAC *Agency No* M-1410
Title No 003888 *Sale* $22.75
Explains and demonstrates three transfer techniques for the paraplegic patient--frontwards, sidewards with removable armrests on the wheelchair, and sidewards without removable armrests. Spotting techniques for the therapist are demonstrated.

WHERE HAVE ALL THE STUDENTS GONE

30 min, 16mm film, optical sd, b&w 1965
Producer USIA *Agency No* 01-01663
Title No 004701 *Rental*: W/DRAWN Sale: W/DRAWN
Features jobs of college students during summer vacations, from truck driving to oceanographic research.
From the *REPORT FROM AMERICA* series.

*WHERE I WANT TO BE - THE STORY OF A WOMAN DENTIST

28 min, 16mm film, optical sd, col 1973
Producer USDDH
Title No 002230 *Sale* $117.25
Describes the career advantages of dentistry to women. Emphasizes the growing need for women in the dental field.

*WHERE THERE'S A WILL

29 min, 16mm film, optical sd, col 1969
Producer USSRS
Title No 808903 *Rental* $12.50 Sale $175.00
Shows a disabled veteran with artificial hands at work at his hobby of cooking. Two disabled housewives demonstrate how a handicapped person can manage a home.
From the *TO LIVE AGAIN* series.

WHILE I RUN THIS RACE

29 min, 16mm film, optical sd, col 1967
Producer USOEO
Title No 809398 *Sale* $84.00
Documents the efforts of VISTA volunteers in two settings in Arizona. Shows a retired couple as they organize a preschool program to keep the children of Mexican-American migrants out of the fields. Describes the work of two young men who help a community of negro farm workers conduct a clean-up campaign and obtain pure drinking water in their settlement.

WHISTLE SIGNALS FOR APPROACHING STEAM VESSELS

17 min, 16mm film, optical sd, b&w 1943
Producer USN *Agency No* MN00202J
Title No 003889 *Sale* $30.50
Shows by animation the rules for using 1, 2, and 3 blast signals, the danger signal, and the bend signal in various approaching situations.

*WHITE CLOUD, THE - THE TRUCK OF JOE MADRID

30 min, 16mm film, optical sd, b&w 1969
Producer USIA *Agency No* 01-01663
Title No 004702 *Rental*: W/DRAWN Sale: W/DRAWN
Truck driver who hauls perishable goods worth thousands of dollars across the continent. The narration in colloquial American is in first person.

*WHO DOES WHAT TO WHAT - THE WORK DISTRIBUTION CHART

11 min, 16mm film, optical sd, col 1973
Producer USA *Agency No* MF61-5719
Title No 003577 *Sale* $44.75
Demonstrates the work distribution chart as a method of observing at a glance what work is actually going on in an organization.

*WHO IS RIGHT OR WRONG

22 min, 16mm film, optical sd, col 1959
Producer USBM
Title No 003539 *Sale* $78.00
Underground coal mine fall-of-roof and shot firing accidents, taken from official files, are dramatically recreated for the viewer - their causes are disclosed, and direct action is taken to eliminate the causes, to prevent further occurrence of such accidents.
PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

*WHO SHALL REAP
28 min, 16mm film, optical sd, col
Producer USDA *Agency No.* 8091
Title No. 004017 *Sale* $139.00

Dramatizes the never-ending struggle of farmers the world over to protect their crops and livestock from the ravages of insects, diseases, weeds and other pests. Focuses on current research efforts to develop even more efficient safer methods of protecting food and forests from pests to meet the needs of an exploding world population.

*WHO SHALL REAP (SPANISH)
28 min, 16mm film, optical sd, col
Producer USDA *Agency No.* 8091-S
Title No. 003797 *Sale* $139.00

Dramatizes the never-ending struggle of farmers the world over to protect their crops and livestock from the ravages of insects, diseases, weeds and other pests. Focuses on current research efforts to develop even more efficient safer methods of protecting food and forests from pests to meet the needs of an exploding world population.

WHY AM I HERE?
9 min, 16mm film, optical sd, col 1968
Producer USVA *Agency No.* D-31ED
Title No. 003890 *Sale* $32.00

Mr. Roberts, who has been hospitalized for stomach problems, cannot understand why he has been referred to the dental service for oral examination. He soon learns the importance of early detection of cancer in this area.

WHY CALIBRATE
16 min, 16mm film, optical sd, col 1966
Producer USN *Agency No.* MN10105
Title No. 811225 *Sale* $55.00

Demonstrates the need for calibrating test and monitoring equipment and shows how the U S Navy's calibration program is organized.

WHY ENGINES ARE GOVERNED
5 min, 16mm film, optical sd, b&w 1955
Producer USA *Agency No.* TF55-2184
Title No. 003891 *Sale* $19.25

Explains that the governor on military engines limits the speed of the engine at the point where it develops maximum horsepower. With the aid of a chart, followed by a demonstration on a GMC engine, defines the relationship between horsepower and speed, and shows how the governor on the engine prevents a waste of power.

*WHY NATO
26 min, 16mm film, optical sd, b&w 1958
Producer USDOD *Agency No.* AFIF0088
Title No. 811725 *Rental* $10.00

Describes the purpose and development of NATO from time of inception to the summit meeting held December 1957 at NATO headquarters in Paris. Narrated by Edward R. Murrow.

*WHY VIETNAM
32 min, 16mm film, optical sd, b&w 1965
Producer USDOD *Agency No.* AFIF 0149
Title No. 812700 *Sale* $65.00

Explains United States policy on south Vietnam as stated by President Lyndon B Johnson in an address to the American people and the world at large.

THIS FILM IS CONSIDERED OF HISTORICAL VALUE AND DOES NOT NECESSARILY REFLECT CURRENT POLICY OR PLANS OF THE SPONSORING AGENCY.

WHY WE FIGHT--A SERIES
424 min, 16mm film, optical sd, b&w 1945
Producer USWD
Title No. 811375 *Sale* $882.50

*WILDERNESS ENCAMPMENT
28 min, 16mm film, optical sd, col 1961
Producer USDA *Agency No.* 1539
Title No. 004018 *Sale* $127.00

Senior Girl Scouts from 41 states and 7 other countries establish a base camp by beautiful Todd Lake on the Deschutes National Forest, Oregon. Backpacking into an area of great scenic beauty, the Three Sisters Wilderness Area, the girls spend 5 days without adult supervision and create their own outdoor enjoyment.

*WILDERNESS TRAIL
15 min, 16mm film, optical sd, col 1961
Producer USDA *Agency No.* 1485
Title No. 813650 *Sale* $68.00

Portrays an actual pack trip into the Bridger Wilderness Area in the Bridger National Forest in Wyoming. Shows how such areas are preserved in their natural state.

*WILDLIFE AND THE HUMAN TOUCH
19 min, 16mm film, optical sd, col 1952
Producer USDA *Agency No.* 1098
Title No. 813750 *Sale* $83.00

Pictures forest animals in their native habitat in national forests, and explains how the U S Forest Service is protecting the animals and their habitat.

*WILDLIFE AND TIMBER
7 min, 16mm film, optical sd, col 1957
Producer USDA *Agency No.* 1347
Title No. 004019 *Sale* $33.00

On the Ocala National Forest in Florida, the two major crops are wildlife and timber. The interesting management relationship between the two is portrayed --how cutting of timber, for instance, also improves habitat for deer, quail, turkey, and other wildlife. Years of research and practical experience lie behind the scientific timber management practiced. The federal, state, and private agencies cooperate in exploring ways to better manage the wildlife habitat and the wildlife crop.

WILDLIFE ON THE MAINSTEM
27 min, 16mm film, optical sd, col 1968
Producer USAE
Title No. 003892 *Sale* $98.00

Depicts the abundance of wildlife which lives in harmony with one of man's finest achievements - the complex of six multi-purpose dams and reservoirs constructed by the Corps of Engineers on the upper Mississippi. The film has spectacularly beautiful nature spots. The mood is set by the major actorssharp-tailed grouse, beaver, waterfowl, upland game, fish-the gamut of American wildlife.

WILL FOR PEACE
33 min, 16mm film, optical sd, b&w 1951
Producer USA
Title No. 003893 *Rental* $12.50 Sale $68.25

Contrasts the post-war activities of the United States with those of Russia. Shows how the United States has worked toward peace through such organizations as the U N, UNRRA and the Marshall Plan, while Russia has concentrated its activities upon preparations for war.

*WINCH CHARACTERISTICS - ELECTRIC, HYDRAULIC AND STEAM
25 min, 16mm film, optical sd, b&w 1969
Producer USA *Agency No.* TF-55-3998
Title No. 002231 *Sale* $52.50

Explains characteristics, preoperation checks and preparations, and operation of the two-speed steam winch, unit-type electric winch, and hydraulic winch used in military stevedoring. Presents advantages and limitations of each type.

WIND AND THE NAVIGATOR - IN-FLIGHT ANALYSIS
8 min, 16mm film, optical sd, col 1957
Producer USAF *Agency No.* TF01-5206C
Title No. 815154 *Sale* $27.75

Illustrates the navigator's duties while in flight, including determination of wind changes, drift causes, and path corrections.

WIND AND THE NAVIGATOR - JET STREAMS
15 min, 16mm film, optical sd, col 1957
Producer USAF *Agency No.* TF01-5206D
Title No. 815153 *Sale* $51.75

Explains the high velocity wind cirrents, called jet streams, and shows how aircraft navigators save fuel and flight time through use of these forces. Discusses altitude velocity, seasonal changes, direction, and turbulence.

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* INDICATES NEW ENTRY

WIND AND THE NAVIGATOR - PRE-FLIGHT PLANNING
15 min, 16mm film, optical sd, col 1957
Producer USAF *Agency No.* TF01-5206B
Title No. 815160 *Sale* $51.75
Demonstrates how a wind flow chart, using weather data values and scales, is prepared, and shows how a flight path is determined.

WIND AND THE NAVIGATOR - WIND THEORY
15 min, 16mm film, optical sd, col 1957
Producer USAF *Agency No.* TF01-5206A
Title No. 815170 *Sale* $51.75
Discusses the theory of wind forces and patterns, pressure gradient force, pressure surfaces, coriolis force, geostrophic wind, friction and centrifugal force.

WING ASSEMBLY - THE BOW TIP
24 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 284
Title No. 815610 *Sale* $49.75
Shows how to fit the bow tip strip to the leading edge strip, make the spar tip joint, install the ribs, shape the bow tip, apply and glue the bow tip skins, and varnish the surface.
From the *AIRCRAFT WORK* series. Wood Fabrication, No. 6.

WING ASSEMBLY - THE INBOARD PANEL
19 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 300
Title No. 815615 *Sale* $39.25
Describes how to install subassemblies in a jig, apply and glue the skins, apply and remove pressure strips, finish the outside surface, and inspect the completed assembly.
From the *AIRCRAFT WORK* series. Wood Fabrication, No. 5.

WING ASSEMBLY - THE NOSE SECTION
20 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 299
Title No. 815620 *Sale* $42.25
Tells how to position the main spar in the jig. Describes installation of the webbed ribs, junction rib, regular ribs, and leading edge strip. Shows how to apply and glue the skins, and finish the surface of the nose section.
From the *AIRCRAFT WORK* series. Wood Fabrication, No. 4.

WINGED SCOURGE
10 min, 16mm film, optical sd, col 1943
Producer USIA *Agency No.* 08-10068
Title No. 001924 *Rental* $7.50 *Sale* $41.00
Uses animation to trace the life-cycle of the malaria-carrying anopheles mosquito. Demonstrates various means for combating the mosquito.
From the *HEALTH FOR THE AMERICAS* series.

● **WINTER OLYMPICS**
24 min, 16mm film, optical sd, col 1961
Producer USDA *Agency No.* 1486
Title No. 816109 *Sale* $110.00
Presents the 1960 eighth winter olympics games at Squaw Valley, California in the Tahoe National Forest. Shows how the Forest Service cooperated with the Olympic Commission before and after the games in avalanche prevention and control work. Narrated by Lowell Thomas.

● **WINTER WALKING**
11 min, 16mm film, optical sd, col 1971
Producer USPOST
Title No. 002232 *Sale* $43.00
Shows recommended procedures for walking in ice and snow. Contains spectacular scenery of Vermont combined with scenes of actual tumbles.

● **WINTERS EXPRESS**
26 min, 16mm film, optical sd, col 1968
Producer USIA *Agency No.* 01-11348
Title No. 004703 *Rental* W/DRAWN *Sale* W/DRAWN
An imaginative story of a one-man small town weekly newspaper in Winters, California, and the man who serves as its publisher, reporter, editor, printer and distributor. Shows how a weekly functions in its community and reflects the virtues of a small U.S. town. Highlights the continuing independence of the American spirit and the essence of the American free press.

WINTERTHUR - ADVENTURE IN THE PAST
19 min, 16mm film, optical sd, col 1960
Producer USIA *Agency No.* 01-02495
Title No. 004704 *Rental* W/DRAWN *Sale* W/DRAWN
Depicts the largest and richest assemblage of American decorative arts, especially furniture, ever brought together in an authentic setting. Recalls rich U.S. traditions of craftsmanship in architecture, ceramics, textiles, paintings, prints, metalwork and furniture. Indicates foreign influences, especially from England and the orient, in the 200-year period represented.

WIRE ROPE TERMINAL CONNECTIONS
31 min, 16mm film, optical sd, b&w 1944
Producer USN *Agency No.* MN02340G
Title No. 003894 *Sale* $53.50
Demonstrates how to make and test the following terminal connections-clips, eye splices, and metallic splices.

WIRE SIZES AND VOLTAGE DROP
13 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 372
Title No. 816250 *Rental* $7.50 *Sale* $23.75
Discusses factors influencing the ability of conductors to carry electron flow, measurement of wire size, voltage drop and Ohm's law.
From the *ELECTRICAL WORK* series. Wiring, No. 4.

WIRING OLD BUILDING WITH ARMORED CABLE
22 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 379
Title No. 816350 *Rental* $7.50 *Sale* $38.50
Shows how to install outlet boxes, cut and strip armor from cables, attach cable to outlet boxes, run armored cable, repair openings in walls and join conductors at ceiling outlet.
From the *ELECTRICAL WORK* series. Wiring, No. 8.

WIRING TELLTALE PANEL
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 115
Title No. 816360 *Sale* $35.75
Describes the purpose of telltale units. Tells how to strip cable, form and lace conductors on a jig, strip the ends of conductors and put on lugs, and hook up conductors and test the connections.

● **WISE PARENTS, HEALTHY BABIES**
11 min, 16mm film, optical sd, col 1947
Producer USLAA
Title No. 000218 *O/PRINT*
Explains how prenatal services safeguard the health of the prospective mother and child. Shows the need for placing the baby under the care of a doctor, and the need for immunization of the baby against certain diseases.

● **WISHES, LIES AND DREAMS - KENNETH KOCH TEACHING CHILDREN TO WRITE POETRY**
29 min, 16mm film, optical sd, col 1970
Producer USNEA
Title No. 816500 *Sale* $99.50
Explores a young poet's unique methods of teaching literature to children in the classroom and is a 'remarkable exposition of the kind of joy truly creative teaching can bring to American education.' The film is based on the 'Poetry in the Schools' Programs of the National Endowment for the Arts, Washington, D.C.

WITH NO ONE TO HELP US
19 min, 16mm film, optical sd, b&w 1967
Producer USDEO
Title No. 816725 *Sale* $30.00
Demonstrates how the formation of a food-buying club by a group of Newark mothers brought about a necessary change in the community.

● INDICATES NEW ENTRY

*WITH THE MARINES - CHOSIN TO HUNGNAM
24 min, 16mm film, optical sd, b&w 1951
Producer USN *Agency No* MN07314
Title No 816730 *Sale* $42.25
Documents the withdrawal from Chosin Reservior area and the naval evacuation operation at Hungnam

WITHIN THIS DECADE - AMERICA IN SPACE
29 min, 16mm film, optical sd, col 1969
Producer USNASA *Agency No* HQ 191
Title No 003895 *Sale* $119.50
Reviews major accomplishments in NASA research from 1959 through preparations for the first manned lunar landing, with emphasis on manned space flight

WOMEN WHO CARE
30 min, 16mm film, optical sd, b&w 1967
Producer USIA *Agency No* 31-11116
Title No 004405 *Rental* W/DRAWN *Sale* W/DRAWN
The story of two typical women volunteers in a small southern city, who take time out of their busy lives to help young people find their way back to productive lives and a brighter future

*WONDERS OF WILDERNESS
21 min, 16mm film, optical sd, col 1966
Producer USDA *Agency No* 4663
Title No 004020 *Sale* $96.00
Features the highlights of a trail rider's trip into the Maroon-Bells Snowmass Wilderness Area on the White River National Forest in Colorado. Shows the frustration and tension of living ad working in crowded urban and the spiritual relief that can be realized by a vacation into one of Forest service wilderness areas

*WOOD CHIP MULCH FOR EROSION CONTROL
13 min, 16mm film, optical sd, col 1972
Producer USFHWA
Title No 002233 *Sale* $50.50
Demonstrates how wood chip mulch used on prepared slopes provides a solution to erosion during and after highway construction. Air and water pollution can be controlled and a natural resource put to use instead of being wasted or burned

WOOD PRESERVATION - CONTROL OF WOOD DESTROYING ORGANISMS
24 min, 16mm film, optical sd, col 1959
Producer USN *Agency No* MN 08167B
Title No 817855 *Sale* $81.50
Outlines methods which can be employed to control wood destroying organisms-physical control by killing the organisms by means of toxic chemicals or preventing access to wood by creating a barrier of poisoned foil, and wood preservation through treating wood by various processes to make it unavailable as a food source for insects or fungi

WOOD PRESERVATION - INSPECTION FOR WOOD DESTROYING ORGANISMS
18 min, 16mm film, optical sd, col 1956
Producer USN *Agency No* MN 08167A
Title No 817860 *Sale* $61.75
Describes problems faced by the Navy in maintaining wooden structures

WOODEN OVERCOAT, THE
14 min, 16mm film, optical sd, col 1965
Producer USAEC
Title No 003896 *Sale* $48.50
Shows the development and testing of the wooden containers as well as the buildup of the containers from rings of plywood. Photography of actual drop tests and fire tests is included to demonstrate the resistance of the container to both impact shock and fire exposure. Results of tests show that a container having six-inch thick shells of fir plywood will adequately protect the inner metal container of radioactive material

*WOODLAND MANNERS
20 min, 16mm film, optical sd, col 1952
Producer USDA *Agency No* 1096
Title No 818251 *Sale* $90.00
Contrasts good and poor usage of national forests with regard to use of sanitary facilities, fire precautions and picnic facilities. Stresses leaving a clean camp

WORKING FOR BETTER PUBLIC HEALTH THROUGH RECOGNITION OF FEELINGS
25 min, 16mm film, optical sd, b&w 1953
Producer USNMAC *Agency No* M-0008
Title No 001897 *Sale* $43.75
Shows synchronous treatment of interviews typical of both acceptable and unacceptable human relations situations in public health work. Discusses the problems involved, and advances the theory that it is better to uncover and discuss feelings than to concentrate entirely upon the problem itself

*WORKING FOREST, A
18 min, 16mm film, optical sd, col 1966
Producer USDA *Agency No* 5644
Title No 004021 *Sale* $83.00
Explains the reasons for and methods of establishing a local forestry cooperative. While locale is the Lake States, the film is of interest to forestry and farm groups nationwide

WORKING THROUGH COLLEGE
20 min, 16mm film, optical sd, b&w 1951
Producer USA
Title No 004026 *Rental* $7.50 *Sale* $42.50
Story of a college student and the assistance provided him by a student employment adviser in finding a job which helps meet his expenses and enables him to acquire practical experience in the field he has chosen as a career

WORKING TOGETHER
20 min, 16mm film, optical sd, col 1962
Producer USNMAC *Agency No* M-0528
Title No 001925 *Sale* $68.25
Draws from the experiences of several hospitals and nursing homes which have worked out mutual agreements for the cooperative care of chronically ill aged. Shows how such a cooperative effort is beneficial to the hospital, the nursing home, and the patient

WORKING WITH OTHER SUPERVISORS
8 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 153
Title No 003899 *Rental* $5.00 *Sale* $14.25
Shows how a supervisor fails because he does not recognize the importance of working harmoniously with other people, particularly with his fellow supervisors.
From the *PROBLEMS IN SUPERVISION* series.

WORKING WITH OTHER SUPERVISORS (SPANISH)
8 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No* OE 153
Title No 003900 *Rental* $5.00 *Sale* $14.25

WORLD AT U N PLAZA, THE
29 min, 16mm film, optical sd, col 1968
Producer USDS
Title No 820700 *Sale* W/DRAWN
Provides an inside look at the work of the united states 'Embassy' to the U S and the United Nations itself. Its highlights include glimpses of behind-the-scenes United Nations diplomacy, recollections of the Security Council debates during the 1967 Middle East crisis, and a U S mission reception for General Assembly delegates on a boat circling Manhattan. Its purposes is to suggest, through a series of impressions of life at United Nations Plaza, how the principal U S representative to the United Nations and his colleagues go about the task of representing our country at the U N

* **WORLD AT WAR**
44 min, 16mm film, optical sd, b&w 1943
Producer USOWIO
Title No. 002234 *Sale* $89.75
Traces the trend toward war during the decade: the Japanese invasion of Manchuria in 1931 to the bombing of Pearl Harbor.

* **WORLD BEYOND ZERO, THE**
30 min, 16mm film, optical sd, col 1964
Producer USNASA *Agency No.* HQA-121
Title No. 823800 *Sale* $101.00
Stresses the international partnership between nations regarding space exploration by showing cooperation between world-wide tracking stations which link space scientists and engineers with the orbiting spacecraft.

WORLD IN A SCHOOLROOM
17 min, 16mm film, optical sd, b&w 1951
Producer USA
Title No. 003898 *Rental* $7.50 *Sale* $36.75
Portrays citizens demonstrating their skills in the classroom so that students may see the application of the principles and techniques taught in school.

WORLD WAR I OVERSEAS FLIERS REUNION
12 min, 16mm film, optical sd, col 1962
Producer USAF *Agency No.* SFP 1123
Title No. 822840 *Sale* $42.00
Reviews exploits of America's first fighter pilots as World War I airmen hold first reunion at USAF Museum at Wright-Patterson AFB. Features presentation of awards and excerpts of speeches.
CLEARED FOR TV

WORLD WIDE NAVAL OPERATIONS IN PEACE AND WAR, 1815-1860
23 min, 16mm film, optical sd, col 1956
Producer USN *Agency No.* FN06943D
Title No. 823025 *Sale* $78.25
Describes contributions to naval science, such as the development of steam power, the screw propeller, improved ordnance, oceanography, and exploration. Depicts the Navy's role in protecting American citizens and promoting trade throughout the world, and the Navy's support of military operations in Florida, Mexico, and California.

WOUND ROTOR CONTROLLERS
17 min, 16mm film, optical sd, b&w 1945
Producer USOE *Agency No.* OE 391
Title No. 823400 *Rental* $7.50 *Sale* $30.50
Discusses wound rotor motor principles, operation of a faceplate controller, drum-type nonreversing controller, drum-type reversing controller and automatic magnetic starter for a wound rotor motor.
From the *ELECTRICAL WORK* series: Motor Control, No. 4.

WRENCHES
19 min, 16mm film, optical sd, b&w 1943
Producer USA *Agency No.* TF09-2026
Title No. 823500 *Sale* $33.75
Explains the uses and advantages of various wrenches, and shows the damage which may result from incorrect and dangerous practices in using them.

X-RAY INSPECTION
21 min, 16mm film, optical sd, b&w 1944
Producer USOE *Agency No.* OE 173
Title No. 824450 *Rental* $7.50 *Sale* $37.00
Discusses the use of radiographs in industry, the generation of X-rays in the X-ray tube and the wave nature of X-rays. Explains how radiographs are made and how they are interpreted for defects in metal.
From the *ENGINEERING* series.

X-RAY SPECTROSCOPY - THE INSIDE STORY
26 min, 16mm film, optical sd, col 1968
Producer USNASA *Agency No.* HQ 140
Title No. 824470 *Sale* $103.75
Shows how specially-grown crystals are made and used in a two crystal vacuum X-ray spectrometer to diffuse an X-ray beam, isolate a single wavelength, scan a spectrum and record its characteristics.

XENON TETRAFLUORIDE
6 min, 16mm film, optical sd, col 1962
Producer USAEC
Title No. 003915 *Sale* $72.25
Explains how chemists at Argonne National Laboratory have succeeded in making xenon combine chemically with flourine, thereby opening a new area for the study of chemical bonding. Shows preparation of the compound in the Laboratory under special conditions of temperature and pressure. Discusses future experiments on forming compounds with rare gases.

YEAR IN AMERICA, A
30 min, 16mm film, optical sd, b&w 1951
Producer USIA
Title No. 004406 *Rental* W/DRAWN *Sale* W/DRAWN
Portrays Japanese exchange students studying at an American university.

YEAR OF BIRTH
28 min, 16mm film, optical sd, b&w 1958
Producer USNMAC *Agency No.* MIS-0659
Title No. 003916 *Sale* $48.75
Depicts in story form, facts of pregnancy, delivery, and the first year of life. Shows research being done at the National Institute of Neurological Disease and Blindness for prevention and control of cerebral palsy and other neurological diseases in infants.

YEAR TOWARD TOMORROW, A
29 min, 16mm film, optical sd, col 1966
Producer USOEO
Title No. 824930 *Sale* $76.00
Describes the difficulties as well as the satisfactions which three VISTA volunteers experience. Shows two girls on a Navajo reservation in Arizona and an ex-navy volunteer in the slums of Atlanta.

* **YORUBA - BASIC COURSE**
36 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004135 *Sale* $117.00
Cassettes and accompanying text are both available for $119.75.
OTHER FORMAT(S) or VERSION(S)
69 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004136 *Sale* $192.00
Tape set and accompanying text are both available for $194.75.

* **YORUBA - INTERMEDIATE TEXTS**
2 audiotape cassettes, 2-track, monaural
Producer USFSI
Title No. 004137 *Sale* $6.50
Cassettes and accompanying text are both available for $7.75.
OTHER FORMAT(S) or VERSION(S)
4 1/4 in. audiotapes, full-track, monaural
Producer USFSI
Title No. 004138 *Sale* $11.25
Tape set and accompanying text are both available for $12.50.

YOU AND MEDICARE
28 min, 16mm film, optical sd, col 1966
Producer USSSA
Title No. 004407 *Sale* W/DRAWN
Tells about the health insurance program under Social Security. Narrated by E. G. Marshall.

YOU AND YOUR CUSTOMERS
14 min, 16mm film, optical sd, col 1970
Producer USSBA
Title No. 826720 *Rental* $10.00 *Sale* $47.00
Dramatizes situations which small retailers may encounter involving customer relations. Stimulates audience involvement by providing opportunity to stop film for discussion

following some detailed situations, then presents possible solutions to the problems presented on the screen

YOU AND YOUR JOB
10 min, 16mm film, optical sd, b&w 1946
Producer USNMAC *Agency No.* MIS-0173
Title No. 004408 *Sale* W/DRAWN
Emphasizes and illustrates the concept that trained responsible men are essential in the processing of safe, pasteurized milk.

ZIP CODE - THE SWING SIX
13 min, 16mm film, optical sd, col
Producer USPO
Title No. 833395 *Sale* W/DRAWN
Shows the need for Zip Code and how Zip Code works

VIII. Producer Codes

IDCE	Institute for Dermatologic Communication and Education
ILDS	International League of Dermatological Societies
NATO	North Atlantic Treaty Organization
USA	Department of the Army (Department of Defense)
USAE	Corps of Engineers (Department of the Army)
USAEC	Atomic Energy Commission
USAF	Department of the Air Force (Department of Defense)
USAID	Agency for International Development (Department of State)
USARBC	American Revolutionary Bicentennial Commission
USBC	Bureau of the Census (Department of Commerce)
USBEH	Bureau of Education for the Handicapped (Department of Health, Education, and Welfare)
USBM	Bureau of Mines (Department of the Interior)
USBHME	Bureau of Health Manpower Education (Department of Health, Education, and Welfare)
USBNDD	Bureau of Narcotics and Dangerous Drugs (Department of Justice)
USBOR	Bureau of Outdoor Recreation (Department of the Interior)
USBPR	Bureau of Public Roads (Department of Transportation)
USBSFW	Bureau of Sport Fisheries and Wildlife (Department of the Interior)
USCDC	National Communicable Disease Center (Department of Health, Education, and Welfare)
USCG	United States Coast Guard (Department of Transportation)
USCIAA	Coordinator of Inter-American Affairs (Discontinued Agency, re-released by USIA)
USCSC	United States Civil Service Commission
USDA	Department of Agriculture
USDCPA	Defense Civil Preparedness Agency (Department of Defense)
USDDH	Division of Dental Health, (Department of Health, Education, and Welfare)
USDHEW	Department of Health, Education, and Welfare
USDL	Department of Labor
USDLMP	Manpower Administration (Department of Labor)
USDOD	Department of Defense
USDS	Department of State
USECA	Economic Cooperation Administration (Discontinued Agency, re-released by USIA)
USEPA	Environmental Protection Agency
USESSA	Environmental Science Services Administration (now USNOAA)
USFAA	Federal Aviation Administration (Department of Transportation)
USFDA	Food and Drug Administration (Department of Health, Education, and Welfare)
USFHWA	Federal Highway Administration (Department of Transportation)
USFSI	Foreign Service Institute (Department of State)
USFSS	Federal Supply Service (General Services Administration)
USGS	Geological Survey (Department of the Interior)
USGSA	General Services Administration
USHS	Project Head Start (Department of Health, Education, and Welfare)
USHSMH	Health Services and Mental Health Administration (Department of Health, Education, and Welfare)
USHUD	Department of Housing and Urban Development
USIA	United States Information Agency
USIIAA	Institute of Inter-American Affairs (Discontinued Agency, re-released by USIA)
USMC	United States Marine Corps (Department of Defense)
USN	Department of the Navy (Department of Defense)
USNARS	National Archives and Records Service (General Services Administration)
USNASA	National Aeronautics and Space Administration
USNBS	National Bureau of Standards (Department of Commerce)
USNEA	National Endowment for the Arts

USNGA	National Gallery of Art (Smithsonian Institution)
USNIAA	National Institute on Alcohol Abuse and Alcoholism (Department of Health, Education, and Welfare)
USNIH	National Institutes of Health (Department of Health, Education, and Welfare)
USNIMH	National Institute of Mental Health (Department of Health, Education, and Welfare)
USNLE	Dwight D. Eisenhower Library (General Services Administration)
USNLT	Harry S. Truman Library (General Services Administration)
USNMAC	National Medical Audiovisual Center (Department of Health, Education, and Welfare)
USNOAA	National Oceanic and Atmospheric Administration (Department of Commerce)
USNSF	National Science Foundation
USOCD	Office of Civil Defense (Department of Defense)
USOE	Office of Education (Department of Health, Education, and Welfare)
USOEO	Office of Economic Opportunity
USOEP	Office of Emergency Preparedness
USOIAA	Office of Inter-American Affairs (Discontinued Agency, re-released by USIA)
USOJD	Office of Juvenile Delinquency (Department of Health, Education, and Welfare)
USOSHA	Occupational Safety and Health Administration (Department of Labor)
USOSRD	Office of Scientific Research and Development (Discontinued Agency)
USOSW	Office of Saline Water (Department of the Interior)
USOWIO	Office of War Information, Overseas Branch (Discontinued Agency, re-released by USIA)
USPHS	Public Health Service (Department of Health, Education, and Welfare)
USPO	Post Office Department
USPOST	United States Postal Service
USSBA	Small Business Administration (Department of Commerce)
USSRS	Social Rehabilitation Service (Department of Health, Education, and Welfare)
USSSA	Social Security Administration (Department of Health, Education, and Welfare)
USVA	Veterans Administration
USWD	War Department (Discontinued Agency, re-released by USIA)

IX. Addendum

A. HISTORICAL

The following 16mm films have been declared Historical (see p. xi) by the producing agency

ADMIRAL BURKE TAKES COMMAND	Producer USN	Agency No. MNO8344
AIR FORCE CAMERAS IN ACTION	Producer USAF	Agency No. SFP 0630
AIR POWER AND THE MAN	Producer USAF	Agency No. SFP 1388
AIR POWER IN ACTION—THE U S AIR FORCE IN VIETNAM	Producer USAF	Agency No. FR 0643
AIRCRAFT CALLED SEVENTY, THE	Producer USAF	Agency No. SFP 1158
ALERT IN THE PACIFIC	Producer USAF	Agency No. SFP 0626
CANADA	Producer USA	Agency No. AFIF 0043
CARRIER ACTION OFF KOREA	Producer USN	Agency No. MNO9272
CLEARED FOR TAKEOFF	Producer USN	Agency No. MN10419A
COLD WAR CALLUP—THE NAVY'S SELECTED RESERVE	Producer USN	Agency No. MN09783
DIARY OF A SERGEANT	Producer USA	Agency No. MF08-1129
FIGHTING LADY SPEAKS, A	Producer USN	Agency No. MN07283
FLOATING FORTRESS	Producer USN	Agency No. MN07834
INTERNATIONAL NAVAL REVIEW	Producer USN	Agency No. MN08771A
SEA POWER IN THE PACIFIC	Producer USN	Agency No. MN06124
SEVENTH FLEET, THE	Producer USN	Agency No. MN08078
STRATEGIC AIR COMMAND COMBAT MISSILE FORCE	Producer USAF	Agency No. SFP 1200
SUPERSONIC THUNDERBIRDS	Producer USAF	Agency No. SFP 0637
TAKE 'ER DOWN	Producer USN	Agency No. MN09294
THUNDERBOLT	Producer USAF	Agency No. SFP-182
UNITED STATES ARRIVING	Producer USN	Agency No. MN09928

B. OBSOLETE

The following 16mm films have been declared Obsolete (see p. xi) by the producing agency

AC GENERATORS	Producer USAF	Agency No. TVK 30-201
ADC FIGHTER DISPERSAL PROGRAM, THE	Producer USAF	Agency No. FR 295
AEROSPACE MEDICAL DIVISION, THE—AIR FORCE SYSTEMS COMMAND, THE UNIVERSE WITHIN	Producer USAF	Agency No. SFP 1313
AEROSPACE POWER	Producer USAF	Agency No. FR 0265
AFLC ZERO DEFECTS STORY	Producer USAF	Agency No. TF 5903
AIR FORCE FAMILY HOUSING	Producer USAF	Agency No. SFP 0692
AIR FORCE NON-DESTRUCTIVE TESTING	Producer USAF	Agency No. TF01-5226
AIR RESERVE FORCES, THE	Producer USAF	Agency No. SFP 0620
AIRCRAFT ENGINE R3350-30W—PRINCIPLES OF OPERATION	Producer USN	Agency No. FN08032
AIRCRAFT FAMILIARIZATION—T2J-1 BUCKEYE, CARRIER PROCEDURES	Producer USN	Agency No. MN08817-E
AIRCRAFT MAGNETO, THE—THEORY AND OPERATION OF THE FOUR-POLE MAGNETO	Producer USAF	Agency No. TF01-3638
AIRCRAFT OBSERVER'S PLACE IN THE AIR FORCE, THE	Producer USAF	Agency No. SFP 0311
AIRCRAFT TIRES AND TUBES—SHOP INSPECTION, STORAGE, AND DISPOSITION	Producer USAF	Agency No. TF-1 5106C
AMMUNITION SUPPLY POINT OPERATION	Producer USA	Agency No. TF09-1859
AMPLIFIER DISTORTION	Producer USAF	Agency No. TVK 30-325
AMPLIFIER PRINCIPLES—CLASSIFICATION, PT 1	Producer USAF	Agency No. TVK 30-323A
AMPLIFIER PRINCIPLES—CLASSIFICATION, PT 2	Producer USAF	Agency No. TVK 30-323B
AMPLIFIER PRINCIPLES—COUPLING, PT 1	Producer USAF	Agency No. TVK 30-324A
AMPLIFIER PRINCIPLES—COUPLING, PT 2	Producer USAF	Agency No. TVK 30-324B
ANTENNA MATCHING DEVICES	Producer USAF	Agency No. TVK 30-603
ANTENNAS	Producer USAF	Agency No. TVK 30-601
ARTIFICIAL TRANSMISSION LINES	Producer USAF	Agency No. TVK 30-901
ASEPTIC PROCEDURE IN ORAL SURGERY	Producer USN	Agency No. MN07930
ASTABLE MULTIVIBRATOR—TSTR	Producer USAF	Agency No. TVK 30-809B
AUDIO AMPLIFIERS	Producer USAF	Agency No. TVK 30-415
AUDIO AMPLIFIERS PRINCIPLES, PT 1	Producer USAF	Agency No. TVK 30-327A
AUDIO AMPLIFIERS PRINCIPLES, PT 2	Producer USAF	Agency No. TVK 30-327B
AUDIO FREQUENCY AMPLIFICATION	Producer USN	Agency No. SN00652

AUTOMOTIVE ELECTRICITY FOR MILITARY VEHICLES, PT 4, THE IGNITION CIRCUIT
Producer USA Agency No TF 9-2332

BALANCED MODULATOR AND CRYSTAL FILTERS
Producer USAF Agency No TVK 30-612

BASIC CARE OF PATIENTS, PT 1, CLEANING THE PATIENT'S UNIT AND MAKING AN UNOCCUPIED BED
Producer USA Agency No TF08-2471

BASIC CARE OF PATIENTS, PT 2, THE BED BATH
Producer USA Agency No TF08-3387

BASIC CARE OF PATIENTS, PT 3, MAKING AN OCCUPIED BED
Producer USA Agency No TF08-2473

BASIC CARE OF PATIENTS, PT 4, PHYSICAL COMFORTS
Producer USA Agency No TF08-2474

BASIC CARE OF PATIENTS, PT 5, FEEDING THE PATIENT
Producer USA Agency No TF08-2475

BASIC CARE OF PATIENTS, PT 6, THE ENEMA
Producer USA Agency No TF08-2476

BASIC CARE OF PATIENTS, PT 7, STERILE TECHNIQUE
Producer USA Agency No TF08-2477

BASIC CARE OF PATIENTS, PT 9, POSTOPERATIVE CARE
Producer USA Agency No TF08-2479

BASIC CIRCUIT SYMBOLS AND COMPONENTS—BATTERY CIRCUITS
Producer USAF Agency No TVK 30-110B

BETTER WAYS FOR DOING WORK—INTRODUCTION TO THE ARMY WORK SIMPLIFICATION PROGRAM
Producer USA Agency No MF-61-5718

BI-STABLE MULTIVIBRATOR—TSTR
Producer USAF Agency No TVK 30-813

BI-STABLE MULTIVIBRATOR—VT
Producer USAF Agency No TVK 30-812

BIASED CLAMPERS
Producer USAF Agency No TVK 30-540

BLOCKING OSCILLATOR
Producer USAF Agency No TVK 30-804

BLOCKING OSCILLATOR—TSTR
Producer USAF Agency No TVK 30-806

BLOCKING OSCILLATOR—VT
Producer USAF Agency No TVK 30-805

BOB CUMMINGS VISITS THE AIR FORCE ACADEMY WITH HIS SON BOB CUMMINGS, JR.
Producer USAF Agency No SFP 0668

BOILER REPAIRS, FIRE SIDE—INSTALLING PLASTIC CHROME
Producer USN Agency No MN 7862-C

BOILER REPAIRS, FIRE SIDE—INSTALLING PLASTIC FIRE BRICK
Producer USN Agency No MN07862B

BOILER REPAIR, WATER SIDE—REPLACING BOILER TUBES
Producer USN Agency No MN07861C

BOILERS AND THEIR OPERATION—PHOSPHATE TEST
Producer USN Agency No MN09223M3

BRIDGE RECTIFIER—VACUUM TUBE
Producer USAF Agency No TVK 30-40

CAPACITORS—DC-AC ACTION
Producer USAF Agency No TVK 30-210A

CAPACITORS—REACTANCE AND TOTAL CAPACITANCE
Producer USAF Agency No TVK 30-210B

CARE AND MAINTENANCE OF TAPERED ROLLER BEARINGS
Producer USA Agency No TF11-0257

CATHODE FOLLOWER
Producer USAF Agency No TVK 30-434

CAVITY RESONATORS
Producer USAF Agency No TVK 30-908

CELESTIAL GUIDANCE FOR FIGHTER PILOTS
Producer USAF Agency No TF01-5120

CHAPLAIN AND THE COMMANDER, THE
Producer USA Agency No TV 532

CHARGING STORAGE BATTERIES
Producer USA Agency No TF11-1219

COMMUNICATION CENTER PROCEDURE FOR CORPS AND LOWER HEADQUARTERS, PT 1, OUTGOING MESSAGES
Producer USA Agency No TF11-1733

COMMUNICATION CENTER PROCEDURE, PT 2, INCOMING MESSAGES
Producer USA Agency No TF11-1734

COMPOSITION OF AN AM WAVE
Producer USAF Agency No TVK 30-527

CORPSMAN
Producer USN Agency No MH10278D

COST REDUCTION—EVERYBODY'S JOB
Producer USAF Agency No SFP 1265

COUNTING WHAT COUNTS—WORK COUNTS
Producer USA Agency No MF-61-5721

CRANE OPERATIONS—SAFETY PRECAUTIONS
Producer USN Agency No MN08076B

DC CIRCUIT PARAMETERS
Producer USAF Agency No TVK 30-108

DC SERIES RESISTIVE CIRCUITS
Producer USAF Agency No TVK 30-119

DIESEL ENGINE, THE
Producer USN Agency No MN00042A

DIESEL ENGINE FUEL SYSTEMS
Producer USN Agency No MN00046A

DIESEL ENGINE, THE—SCAVENGING AND SUPERCHARGING DIESEL ENGINES
Producer USN Agency No MN00042B

DIGITAL COMPUTER TECHNIQUES—LOGIC ELEMENT CIRCUITS
Producer USN Agency No MN08969E

DIODE AND CRYSTAL DETECTORS
Producer USAF Agency No TVK 30-522B

DIODE TUBES—EMISSION AND SPACE CHARGE
Producer USAF Agency No TVK 30-400

DIODES AND RECTIFIER CIRCUITS—FULL-WAVE RECTIFIERS
Producer USAF Agency No TVK 30-235B

DIODES AND RECTIFIER CIRCUITS—HALF-WAVE RECTIFIERS
Producer USAF Agency No TVK 30-235A

DIODES AND RECTIFIER CIRCUITS—METALLIC RECTIFIERS
Producer USAF Agency No TVK 30-234

DIRECT CURRENT GENERATORS
Producer USAF Agency No TVK 30-202

DIRECTIONAL ANTENNAS
Producer USAF Agency No TVK 30-604

DIRECTIONAL COUPLER
Producer USAF Agency No TVK 30-907

DISCIPLINE—GIVING ORDERS (SPANISH)
Producer USN Agency No MN02088A

DISCIPLINE—REPRIMANDING (SPANISH)
Producer USN Agency No MN02088B

DITCHING TECHNIQUES FOR TRANSPORT AIRCRAFT COMMUNICATIONS, SEA EVALUATION, HEADINGS, . . .
Producer USAF Agency No TF01-5271A

DOUBLE INPUT MIXERS
Producer USAF Agency No TVK 30-621

DRAFTS AND SLINGS
Producer USA Agency No TF55-1117

DUO-DIODE LIMITER—TSTR
Producer USAF Agency No TVK 30-505

EFFECTIVE BRIEFING
Producer USAF Agency No TF01-5332

ELECTROMAGNETISM
Producer USAF Agency No TVK 30-136

ELECTRON COUPLED OSCILLATOR
Producer USAF Agency No TVK 30-532

ELECTRONIC VOLTAGE REGULATORS
Producer USAF Agency No TVK 30-431

ELECTROSTATIC CATHODE-RAY TUBE
Producer USAF Agency No TVK 30-425

ELECTROSTATIC PRINCIPLES—ATOMIC STRUCTURE OF MATTER
Producer USAF Agency No TVK 30-104

ELECTROSTATIC PRINCIPLES—CHARGED BODIES
Producer USAF — Agency No. TVK 30-106

ELECTROSTATIC PRINCIPLES—CONDUCTORS AND INSULATORS
Producer USAF — Agency No. TVK 30-105

ELEMENTS OF ELECTRICITY
Producer USA — Agency No. TF11-0622

ENGINEERED PERFORMANCE STANDARDS PROGRAM, THE
Producer USN — Agency No. MN07837

ENGINEERING DOCUMENTATION FOR UNIFORM REQUIREMENTS
Producer USA — Agency No. MF20-9313

ENVIRONMENTAL FACTORS AFFECTING RELIABILITY OF ELECTRONIC EQUIPMENT
Producer USN — Agency No. MN 8681A

FEED BACK
Producer USAF — Agency No. TVK 30-508

FILTERS AND POWER SUPPLIES—"PI" TYPE FILTERS
Producer USAF — Agency No. TVK 30-301B

FILTERS AND POWER SUPPLIES—FILTER ACTION, PT 1
Producer USAF — Agency No. TVK 30-300A

FILTERS AND POWER SUPPLIES—FILTER ACTION, PT 2
Producer USAF — Agency No. TVK 30-300B

FILTERS AND POWER SUPPLIES—POWER SUPPLY TROUBLESHOOTING
Producer USAF — Agency No. TVK 30-304

FILTERS AND POWER SUPPLIES—VOLTAGE DOUBLERS
Producer USAF — Agency No. TVK 30-307

FIRST AID, PT 1, MAJOR WOUNDS AND FRACTURES
Producer USA — Agency No. TF08-2292

FIRST AID, PT 3, BURNS
Producer USA — Agency No. TF08-2588

FLYING THE WEATHER MAP—THE EQUATORIAL FRONT
Producer USN — Agency No. MN03112C

FLYING THE WEATHER MAP—WEATHER FOR THE NAVIGATOR
Producer USN — Agency No. MN03112A

FOOD CONSERVATION—THE DOLLARS AND SENSE OF GOOD EATING
Producer USA — Agency No. TF10-2244

FOR THOU ART WITH ME
Producer USN — Agency No. MH10278G

FULL-WAVE MAGNETIC AMPLIFIER
Producer USAF — Agency No. TVK 30-702

FULL-WAVE RECTIFIERS—VACUUM TUBE
Producer USAF — Agency No. TVK 30-403

FUNCTIONAL TEACHING IN ELECTRICITY AND ELECTRONICS
Producer USN — Agency No. MN08050

GAS TUBES
Producer USAF — Agency No. TVK 30-429

GRID LIMITER
Producer USAF — Agency No. TVK 30-538

GRID NAVIGATION—APPLICATION OF THEORY
Producer USAF — Agency No. TF01-5227B

GRID NAVIGATION—INTRODUCTION AND THEORY
Producer USAF — Agency No. TF01-5227A

GROUND CONTROLLED APPROACH OF AIRCRAFT—OPERATIONAL PROCEDURE
Producer USN — Agency No. MN06694

GROUND SAFETY ON THE FLIGHT LINE, PT 1
Producer USAF — Agency No. TF01-5047A

GROUND SAFETY ON THE FLIGHT LINE, PT 2
Producer USAF — Agency No. TF01-5047B

GUARD OF THE SKY—THE NORAD STORY
Producer USAF — Agency No. SFP 0580

HALF-WAVE AND FULL-WAVE RECTIFIERS—VACUUM TUBE
Producer USAF — Agency No. TVK 30-402

HELICOPTER—EMERGENCY PROCEDURES, PT 3, EMERGENCY PROCEDURES IN THE H-19
Producer USAF — Agency No. TF01-5102I

HELICOPTER MAINTENANCE, PT 3, INTRODUCTION TO POWER TRAINS
Producer USA — Agency No. TF55-2310

HOLIDAY TRAFFIC SAFETY—HOME FOR THE HOLIDAYS
Producer USAF — Agency No. TF 5593

HOOKS (DRUG ABUSE)
Producer USA — Agency No. TAR-37

HOSPITAL FOOD SERVICE PERSONNEL TRAINING, PT 1, INTRODUCTION
Producer USA — Agency No. TF08-1841

HOSPITAL FOOD SERVICE PERSONNEL TRAINING, PT 2, THE INDIVIDUAL
Producer USA — Agency No. TF08-1576

HOSPITAL FOOD SERVICE PERSONNEL TRAINING, PT 3, EQUIPMENT
Producer USAF — Agency No. TF08-1577

HOSPITAL FOOD SERVICE PERSONNEL TRAINING, PT 4, SERVING FOOD
Producer USAF — Agency No. TF08-1578

HURRICANE HUNTERS
Producer USN — Agency No. MN08339

HURRICANE HUNTERS
Producer USN — Agency No. MN09422

IF I WERE YOU
Producer USAF — Agency No. TF01-5209

IMMEDIATE MAXILLARY ANTERIOR ACRYLIC FIXED BRIDGE WORK IN THE SHOP
Producer USN — Agency No. MN04352B

INDUCTANCE
Producer USAF — Agency No. TVK 30-205

INDUCTIVE REACTANCE
Producer USAF — Agency No. TVK 30-206A

INDUCTIVE REACTANCE
Producer USAF — Agency No. TVK 30-206B

INDUSTRIAL PLANT PROTECTION
Producer USA — Agency No. TF19-1847

INERT GAS SHIELDED ARC WELDING MACHINE—OPERATION AND MAINTENANCE
Producer USA — Agency No. TF09-3135

INSTRUMENT FLIGHT CONTROL—DIAPHRAGM INSTRUMENTS
Producer USN — Agency No. FN08048A

INTERVIEWING PRINCIPLES AND TECHNIQUES
Producer USN — Agency No. MN-7360

INTRODUCTION TO AMPLITUDE MODULATION
Producer USAF — Agency No. TVK 30-525

INTRODUCTION TO AUTOMATIC DATA PROCESSING
Producer USA — Agency No. TF11-2552

INTRODUCTION TO DETECTION
Producer USAF — Agency No. TVK 30-521

INTRODUCTION TO DISCRIMINATORS
Producer USAF — Agency No. TVK 30-608

INTRODUCTION TO HETERODYNING
Producer USAF — Agency No. TVK 30-619

INTRODUCTION TO LC OSCILLATORS
Producer USAF — Agency No. TVK 30-536

INTRODUCTION TO MULTIVIBRATORS
Producer USAF — Agency No. TVK 30-808

INTRODUCTION TO PHANTASTRON
Producer USAF — Agency No. TVK 30-814

INTRODUCTION TO PROLONGED ARTIFICIAL VENTILATION
Producer USA — Agency No. PMF 5348

INTRODUCTION TO RESPIRATORY AND CARDIAC RESUSCITATION
Producer USA — Agency No. PMF-5349

INTRODUCTION TO SYNCHROS
Producer USAF — Agency No. TVK 30-706

KLYSTRONS
Producer USAF — Agency No. TVK 30-910

LEATHERNECK AMBASSADORS
Producer USN — Agency No. MN09409

LINE-UP PROCEDURES FOR TACTICAL TELEGRAPH CARRIER EQUIPMENT
Producer USA — Agency No. TF11-1837

LISSAJOUS FIGURES
Producer USAF — Agency No. TVK 30-212B

MAGNETISM, PT A
Producer USAF Agency No. TVK 30-135A

MAGNETISM, PT B
Producer USAF Agency No. TVK 30-135B

MAGNETRON
Producer USAF Agency No. TVK 30-913

MAINTAINING THE HUP SERVICE TYPE HELICOPTER ROTOR SYSTEMS AND RELATED CONTROLS
Producer USN Agency No. FN07397B

MANAGEMENT CONCEPTS FOR DEPOT MAINTENANCE
Producer USAF Agency No. FTA 0577

MANAGEMENT IMPROVEMENT—IT'S YOUR BUSINESS
Producer USN Agency No. MN08725

MARINE DIESEL ENGINES FOR POWER BOATS
Producer USN Agency No. MN00047

MECHANICAL OPERATION OF THE MODEL 28 TELETYPEWRITER—AUTOMATIC TYPER SELECTING
Producer USN Agency No. MN 09237B

MECHANICAL OPERATION OF THE MODEL 28 TELETYPEWRITER—FUNCTION MECHANISM
Producer USN Agency No. MN 09237D

MECHANICAL OPERATION OF THE MODEL 28 TELETYPEWRITER—KEYBOARD TRANSMITTING MECHANISM
Producer USN Agency No. MN 09237A

MECHANICAL OPERATION OF THE MODEL 28 TELETYPEWRITER—TYPE BOX POSITIONING MECHANISM
Producer USN Agency No. MN 09237C

MECHANICAL PACKING ABOARD SHIP
Producer USN Agency No. MN02505

MILITARY POLICE TRAFFIC CONTROL, PT 4—TRAFFIC CONTROL RECONNAISSANCE
Producer USA Agency No. TF-19-4091

MILITARY SATELLITE COMMUNICATIONS
Producer USAF Agency No. SFP 1336

MILITARY SEA TRANSPORTATION SERVICE, THE INTRODUCTION
Producer USN Agency No. MN07832A

MILITARY SEA TRANSPORTATION SERVICE, THE TROOP TRANSPORTATION
Producer USN Agency No. MN07832B

MILITARY STEVEDORING, PT 2—SLINGS AND BRIDLES
Producer USA Agency No. TF-55-7171

MONOSTABLE MULTIVIBRATOR—TSTR
Producer USAF Agency No. TVK 30-811

MONOSTABLE MULTIVIBRATOR—VT
Producer USAF Agency No. TVK 30-810

NAVAL STEAM TURBINES—HOW TURBINES WORK
Producer USN Agency No. MN06732B

NAVAL STEAM TURBINES—TURBINE CASUALTIES
Producer USN Agency No. MN06732C

NAVY AND SCIENCE, THE
Producer USN Agency No. MN 06658

NIGHTMARE FOR THE BOLD
Producer USAF Agency No. TF1-5301

OF WINGS AND WOMEN
Producer USAF Agency No. SFP 1226

OHM'S LAW
Producer USAF Agency No. TVK 30-118

OPERATION OF THE GM UNIT INJECTORS
Producer USA Agency No. TF55-2560

PARALLEL RC, RL, AND RCL CIRCUITS (GRAPHIC SOLUTIONS)
Producer USAF Agency No. TVK 30-222

PARALLEL RC, RL, AND RCL CIRCUITS (TRIGONOMETRIC SOLUTIONS)
Producer USAF Agency No. TVK 30-224

PARALLEL RESISTIVE CIRCUITS
Producer USAF Agency No. TVK 30-126A

PARALLEL RESISTIVE CIRCUITS—CIRCUIT ANALYSIS
Producer USAF Agency No. TVK30-126B

PARALLEL RESISTIVE CIRCUITS—CIRCUIT ANALYSIS
Producer USAF Agency No. TVK 30-126C

PARALLEL RESISTIVE CIRCUITS—DC POWER
Producer USAF Agency No. TVK 30-128

PARALLEL RESISTIVE CIRCUITS—TROUBLESHOOTING
Producer USAF Agency No. TVK 30-129

PARALLEL RESONANT CIRCUITS
Producer USAF Agency No. TVK 30-229A

PARALLEL RESONANT CIRCUITS
Producer USAF Agency No. TVK 30-229B

PENTODES AND PENTAGRIDS
Producer USAF Agency No. TVK 30-419

PERCENTAGE OF MODULATION
Producer USAF Agency No. TVK 30-526

PERFORMANCE COUNSELING
Producer USA Agency No. TF38-3291

PHANTASTRON
Producer USAF Agency No. TVK 30-815

PHASE SHIFT OSCILLATOR—VT
Producer USAF Agency No. TVK 30-529

PHYSICAL FITNESS FOR WAVES—MAKEUP FROM THE NECK DOWN
Producer USN Agency No. MN02651

PHYSIOLOGY OF HIGH ALTITUDE FLYING
Producer USN Agency No. MN05311

PINLAY ABUTMENTS
Producer USA Agency No. PMF 5374

PLANES IN THE SKY, SHIPS IN THE SEA
Producer USN Agency No. MN10653

PLATE-COUPLED MULTIVIBRATOR—VT
Producer USAF Agency No. TVK 30-809A

POWER AND POWER FACTOR
Producer USAF Agency No. TVK 30-218

POWER SUPPLIES
Producer USAF Agency No. TVK 30-303

POWERS OF TEN—DECIMAL CONVERSION AND MULTIPLICATION
Producer USAF Agency No. TVK 30-116A

POWERS OF TEN—DIVISION AND PREFIXES
Producer USAF Agency No. TVK 30-116B

PULSE MODULATION
Producer USAF Agency No. TVK 30-902

PUSH-PULL AMPLIFIER
Producer USAF Agency No. TVK 30-328

PUSH-PULL AMPLIFIER
Producer USAF Agency No. TVK 30-416

RC TRANSIENTS
Producer USAF Agency No. TVK 30-801

REFLEX KLYSTRON
Producer USAF Agency No. TVK 30-911

RELAYS
Producer USAF Agency No. TVK 30-137

RESISTORS—COLOR CODE
Producer USAF Agency No. TVK 30-109B

RESISTORS—CONSTRUCTION
Producer USAF Agency No. TVK 30-109A

RESONANT LINES
Producer USAF Agency No. TVK 30-614

RESONANT SECTIONS AND MATCHING DEVICES
Producer USAF Agency No. TVK 30-616

RF AND IF AMPLIFIERS, PT 1
Producer USAF Agency No. TVK 30-506

RHEOSTATS AND POTENTIOMETERS
Producer USAF Agency No. TVK 30-124

RL TRANSIENTS
Producer USAF Agency No. TVK 30-802

SAFEGUARDING DEFENSE INFORMATION—WHY WE NEED SECURITY
Producer USA Agency No. TF30-3434

SATURABLE REACTORS
Producer USAF Agency No. TVK 30-701

SEA POWER—THE SEA IS A SPECIAL PLACE
Producer USN Agency No. MN10365D

SEATBELTS, YOUR LIFE INSURANCE
Producer USAF Agency No. FR 0279

SELF—THE MOBILE AIRFIELD
Producer USN Agency No. MH09546B

SERIES-PARALLEL RESISTIVE CIRCUITS—CIRCUIT ANALYSIS
Producer USAF Agency No. TVK 30-131A

SERIES RC, RL, AND RCL CIRCUITS
Producer USAF Agency No. TVK 30-214

SERIES RC, RL, AND RCL CIRCUITS—TRIGONOMETRIC SOLUTIONS
Producer USAF Agency No. TVK 30-216

SERIES RCL QUALITY AND SELECTIVITY
Producer USAF Agency No. TVK 30-221

SERIES RESISTIVE CIRCUITS—DC POWER
Producer USAF Agency No. TVK 30-121

SERIES RESISTIVE CIRCUITS—TROUBLESHOOTING
Producer USAF Agency No. TVK 30-122

SERIES RESONANT CIRCUITS
Producer USAF Agency No. TVK 30-220

SERVO ANALYSIS
Producer USAF Agency No. TVK 30-709

SHADES OF GRAY
Producer USA Agency No. PMF 5047

SHOCK EXCITED OSCILLATOR
Producer USAF Agency No. TVK 30-807

SHUNT HARTLEY OSCILLATOR—VT
Producer USAF Agency No. TVK 30-518

SILENT SENTINEL
Producer USN Agency No. MN09439

SIMPLE EQUATIONS
Producer USAF Agency No. TVK 30-117A

SIMPLE EQUATIONS—FRACTIONS
Producer USAF Agency No. TVK 30-117B

SIMPLE VOLTAGE REGULATORS
Producer USAF Agency No. TVK 30-430

SOLID STATE PRINCIPLES
Producer USAF Agency No. TVK 30-231

SONIC BOOM—THUNDER FROM THE BLUE SKIES
Producer USAF Agency No. SFP 1215

SPECIAL PURPOSE TUBES—REMOTE CUTOFF AND BEAM POWER TUBES
Producer USAF Agency No. TVK 30-422

SPEECH READING
Producer USA Agency No. TF08-1706

SPLENOPORTOGRAPHY
Producer USA Agency No. PMF 5343

STANDARDIZATION
Producer USN Agency No. MN08084

STANDARDIZATION—ENGINEERING PLANNING
Producer USN Agency No. MN08084B

STOWAWAY, PT 1, DISEASE AND PERSONAL HYGIENE
Producer USA Agency No. TF08-1501

STOWAWAY, PT 2, GALLEY SANITATION
Producer USA Agency No. TF08-1502

SYNCHROSCOPE
Producer USAF Agency No. TVK 30-618

TEACHING BY GUIDED DISCUSSION
Producer USAF Agency No. TF1-5210

THERAPEUTIC EXERCISE—ORTHOPEDICS
Producer USA Agency No. PMF-5051

THYRATRON SAWTOOTH GENERATOR
Producer USAF Agency No. TVK 30-816

TO HEAR AGAIN
Producer USA Agency No. PMF 5052

TRANSFORMERS
Producer USAF Agency No. TVK 30-207

TRANSISTOR FM DETECTOR
Producer USAF Agency No. TVK 30-622

TRANSISTOR FM OSCILLATOR
Producer USAF Agency No. TVK 30-607

TRANSISTOR TETRODES AND FIELD EFFECT TRANSISTORS
Producer USAF Agency No. TVK 30-321A

TRANSISTOR TRIODE CHARACTERISTICS
Producer USAF Agency No. TVK 30-319

TRANSISTOR TRIODES
Producer USAF Agency No. TVK 30-309

TRANSISTOR TRIODES AND SPECIAL PURPOSE DEVICES—BIAS II
Producer USAF Agency No. TVK30-312

TRANSISTOR TRIODES AND SPECIAL PURPOSE DEVICES—COMMON-BASE CONFIGURATIONS
Producer USAF Agency No. TVK30-316

TRANSISTOR TRIODES COMMON EMITTER CONFIGURATION
Producer USAF Agency No. TVK30-317

TRANSISTOR TRIODES AND SPECIAL PURPOSE DEVICES—OPERATION
Producer USAF Agency No. TVK30-314

TRANSISTORIZED HARTLEY OSCILLATOR
Producer USAF Agency No. TVK 30-519

TRANSISTORIZED REGULATED POWER SUPPLY
Producer USAF Agency No. TVK 30-100

TRANSMISSION SECURITY
Producer USN Agency No. MN 2621D

TRANSPORTATION OF THE SICK AND WOUNDED
Producer USA Agency No. TF08-3485

TRAPEZOIDAL SWEEP GENERATOR—VT
Producer USAF Agency No. TVK 30-819

TRAVELING WAVE TUBE
Producer USAF Agency No. TVK 30-912

TRIODE LIMITERS
Producer USAF Agency No. TVK 30-504

TRIODE VACUUM TUBES—CONSTRUCTION AND CHARACTERISTICS
Producer USAF Agency No. TVK 30-407

TT-47/UG TELETYPEWRITER—PREVENTIVE MAINTENANCE
Producer USN Agency No. FN 7467C

TUNED BASE OSCILLATOR
Producer USAF Agency No. TVK 30-515

TUNED PLATE OSCILLATOR
Producer USAF Agency No. TVK 30-516

UNIJUNCTION SAWTOOTH GENERATOR
Producer USAF Agency No. TVK 30-817

UNIJUNCTION TRANSISTOR AND TUNNEL DIODE
Producer USAF Agency No. TVK 30-321B

USE OF AMMETER
Producer USAF Agency No. TVK 30-114

USE OF OHMMETER
Producer USAF Agency No. TVK 30-112

USE OF SOLDERING COPPERS, THE
Producer USN Agency No. MN 07831I

USE OF THE PROBLEM IN TEACHING
Producer USAF Agency No. TF01-5255

USE OF VOLTMETER
Producer USAF Agency No. TVK 30-113

USES OF RESONANT SECTIONS
Producer USAF Agency No. TVK 30-617

VACUUM TUBES
Producer USN Agency No. SN00650

VACUUM TUBES—BIAS IN TRIODES
Producer USAF Agency No. TVK 30-408

VACUUM TUBES—TRIODE AND MULTIPURPOSE TUBES
Producer USAF Agency No. TF01-0471

VACUUM TUBES—TRIODES—CATHODE SELF BIAS
Producer USAF Agency No. TVK 30-409

VACUUM TUBES—TRIODES—GRID LEAK BIAS
Producer USAF Agency No. TVK 30-410

VERMILONECTOMY
Producer USA Agency No. PMF-5460

VIBRATION PROBLEMS IN THE DESIGN OF SHIPBOARD-ELECTRONIC EQUIPMENT
Producer USN Agency No. MN08681B

VIBRATORS
Producer USAF Agency No. TVK 30-138

VIDEO AMPLIFIER
Producer USAF Agency No. TVK 30-329

VIDEO AMPLIFIERS
Producer USAF Agency No. TVK 30-421

VISUAL FLIGHT RULES
Producer USN Agency No. MN06914

VOLTAGE DIVIDERS
Producer USAF Agency No. TVK 30-123

VOLTAGE DOUBLER
Producer USAF Agency No. TVK 30-405

VOLTAGE REGULATORS
Producer USAF Agency No. TVK 30-331

VOLTAIC CELL, DRY CELL, AND STORAGE BATTERY
Producer USA Agency No. TF11-1187

WAVEGUIDE PLUMBING
Producer USAF Agency No. TVK 30-906

WAVEGUIDES
Producer USAF Agency No. TVK 30-905

WAVESHAPING NETWORKS
Producer USAF Agency No. TVK 30-803

WEIN BRIDGE OSCILLATOR
Producer USAF Agency No. TVK 30-534